

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

Patented 2000

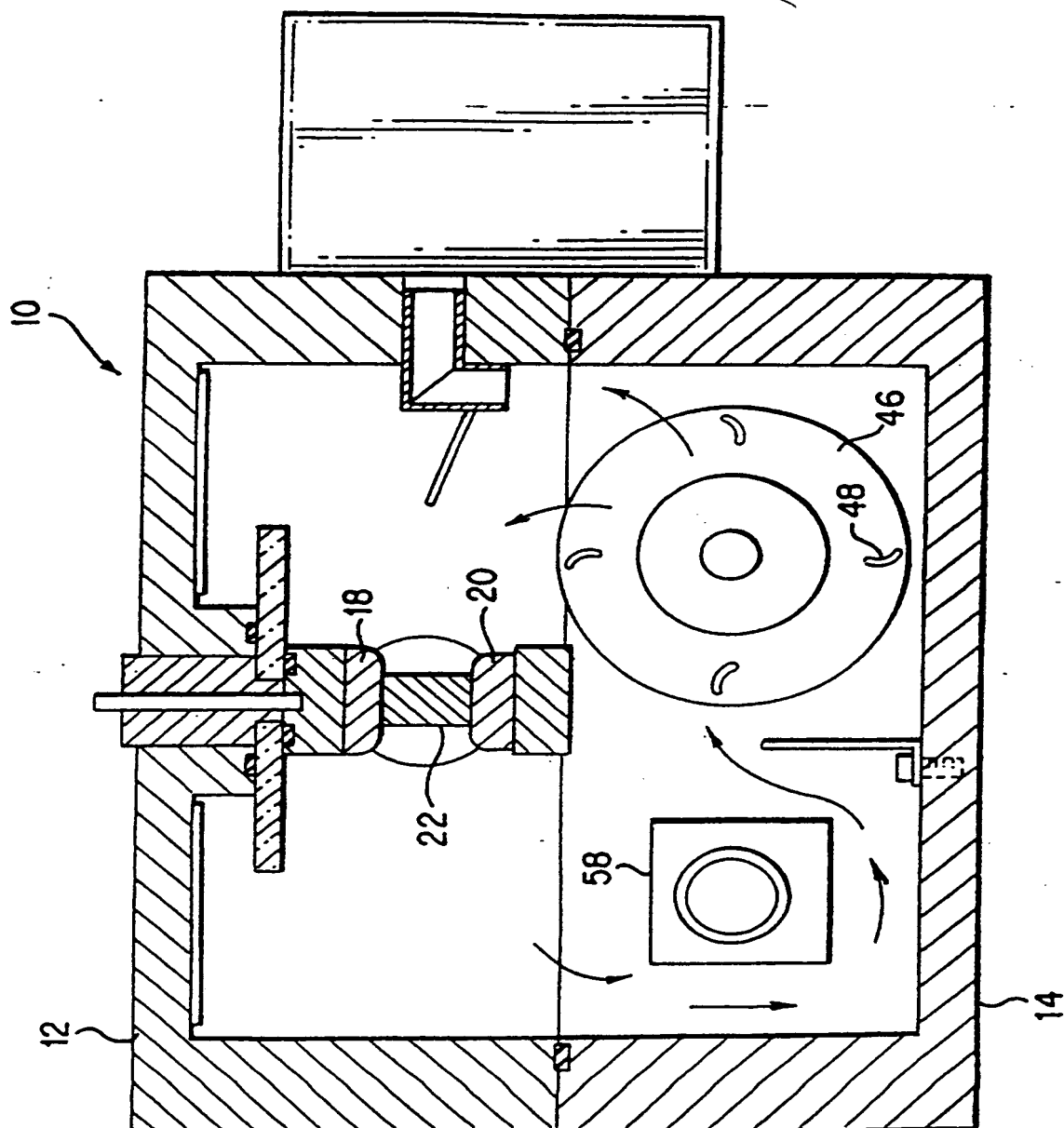


FIG. 1 PRIOR ART

FIG. 2 PRIOR ART

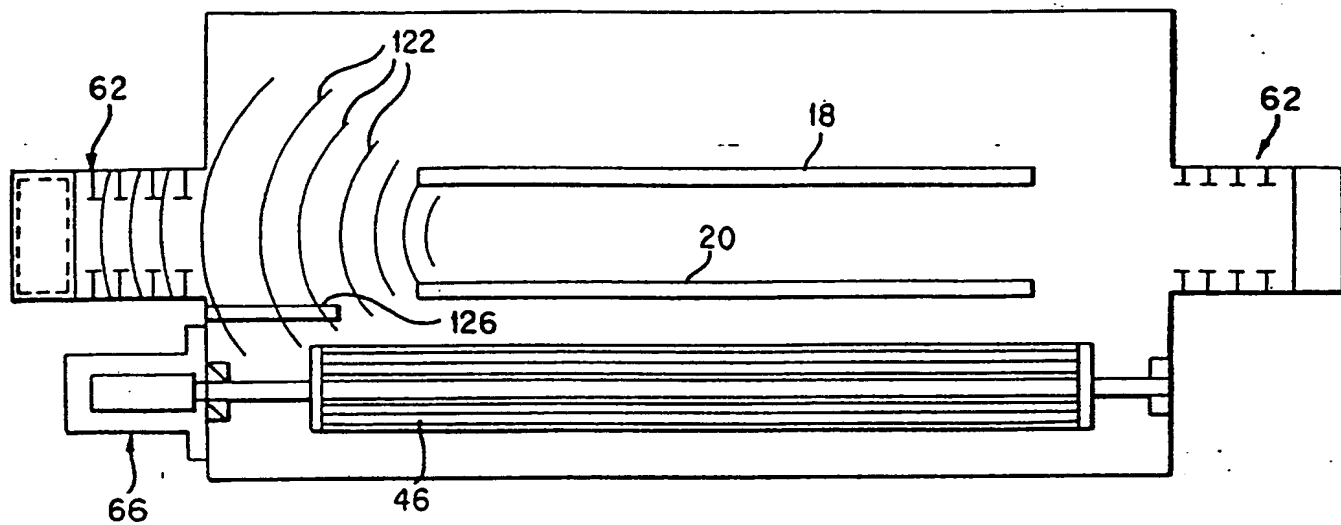


FIG. 2 PRIOR ART

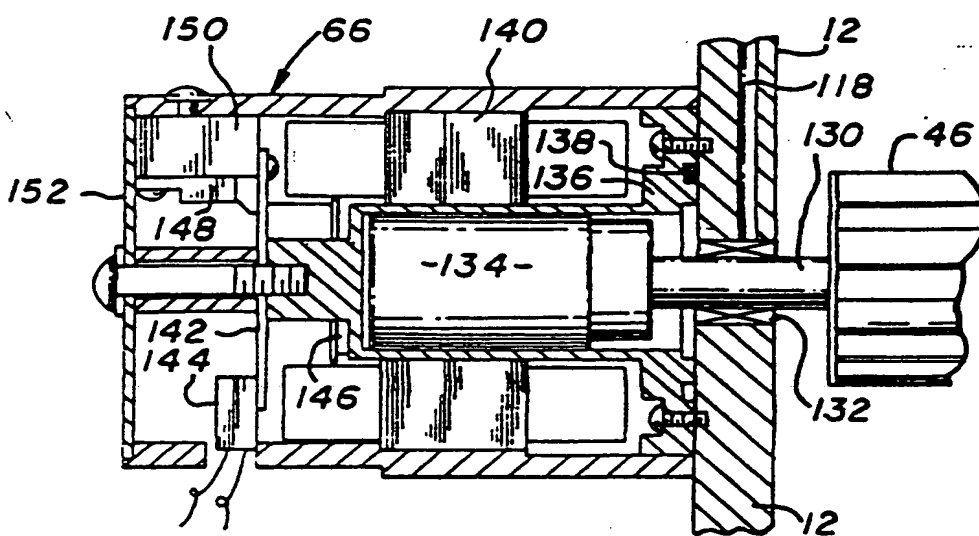
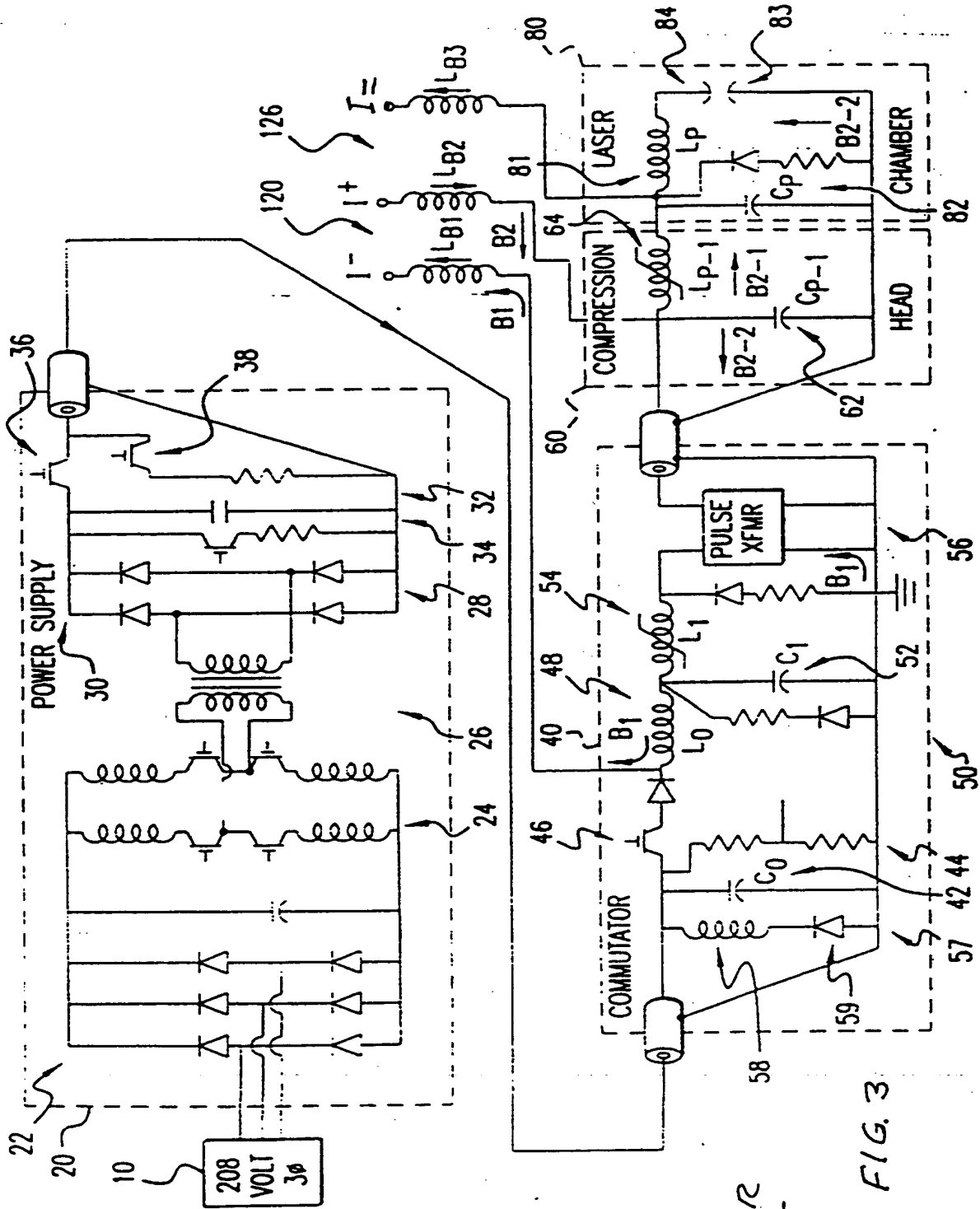


FIG. 2 A PRIOR ART

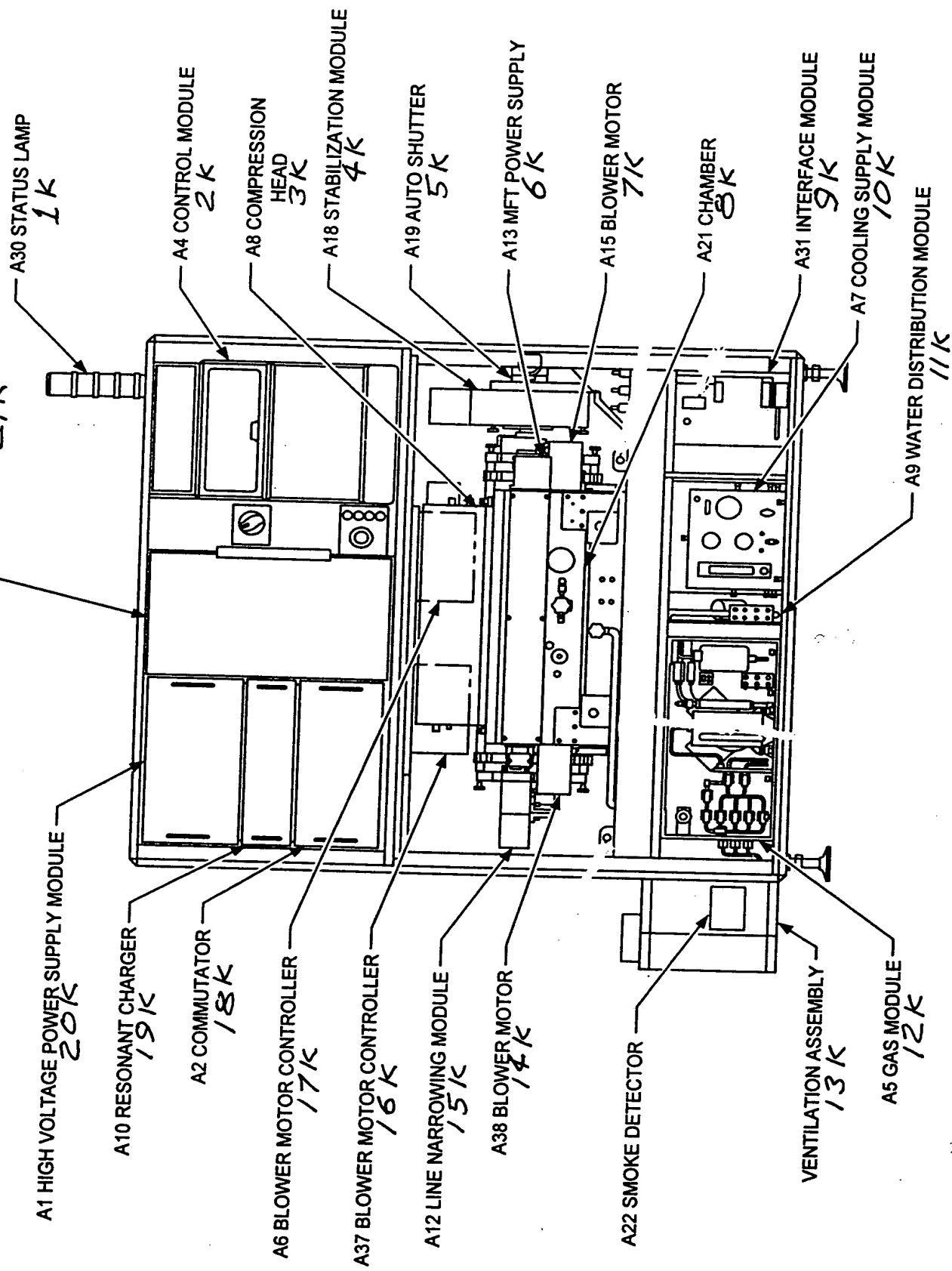


PRIOR
ART

FIG. 3

FIG. 4A

FIG. 4A



FRONT VIEW

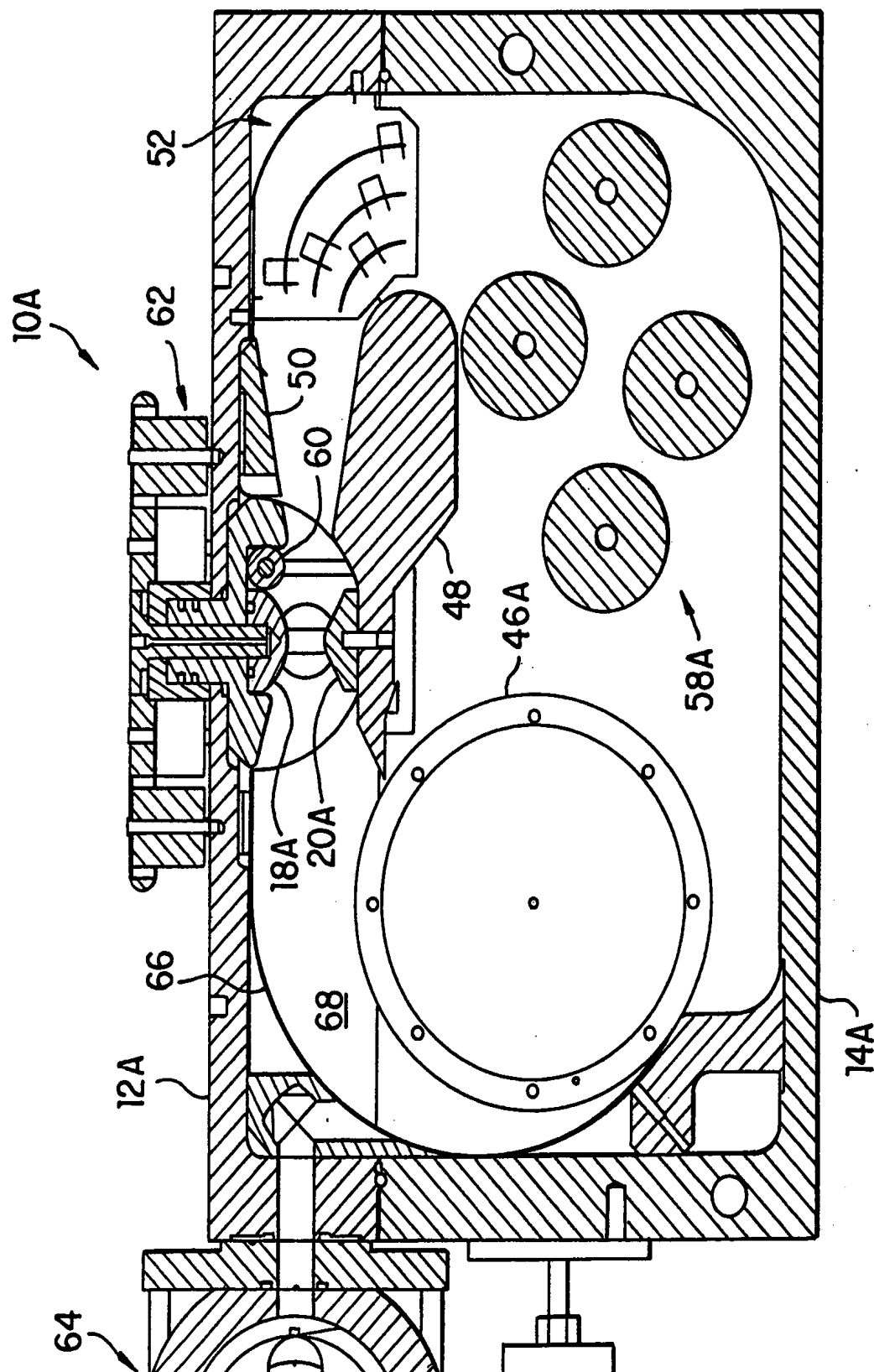


FIG. 4

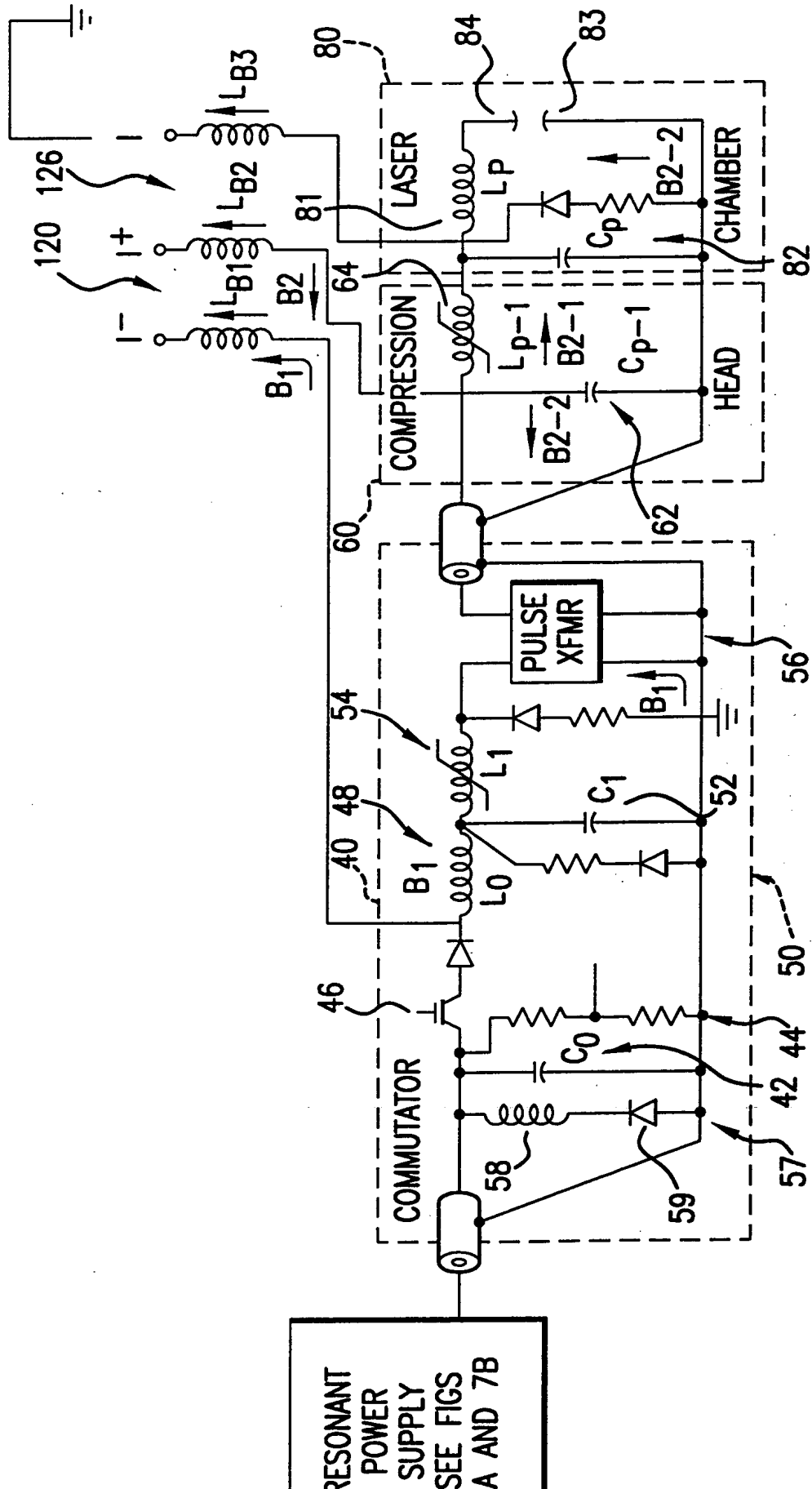


FIG. 5

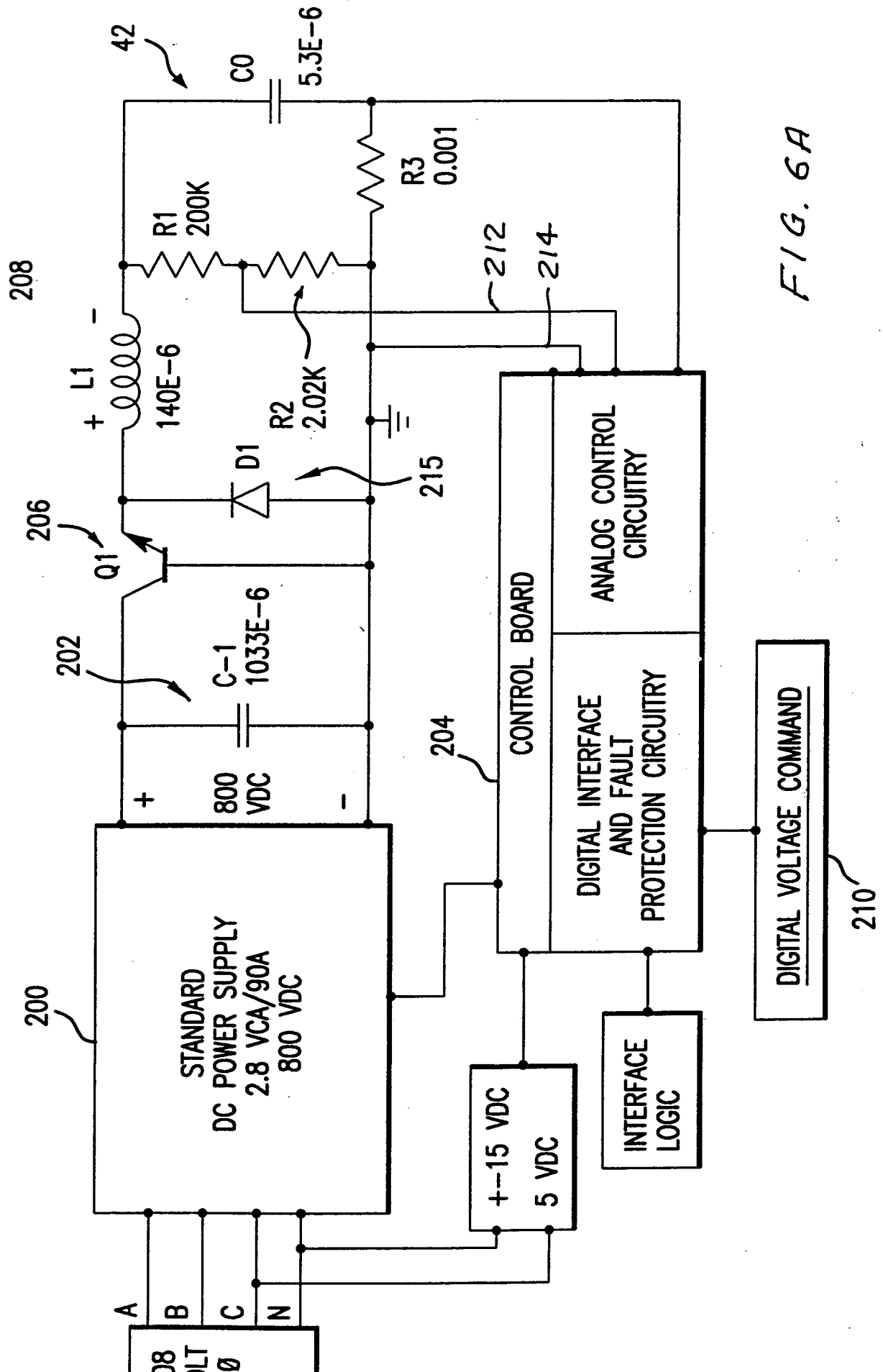
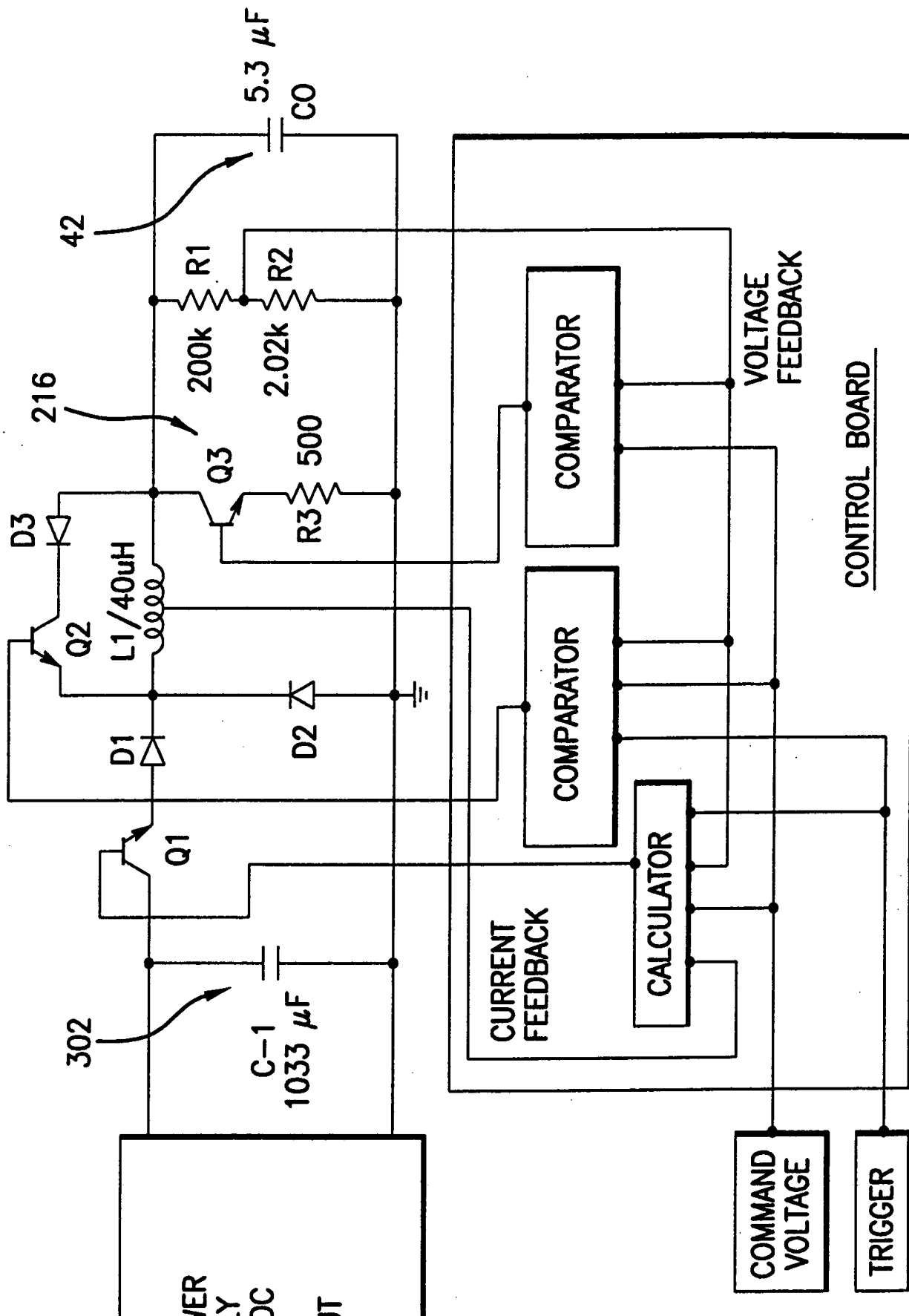


FIG. 6A



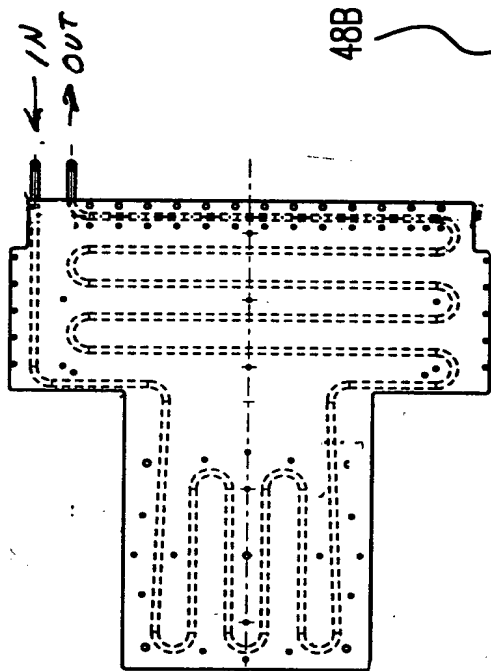


FIG. 7A

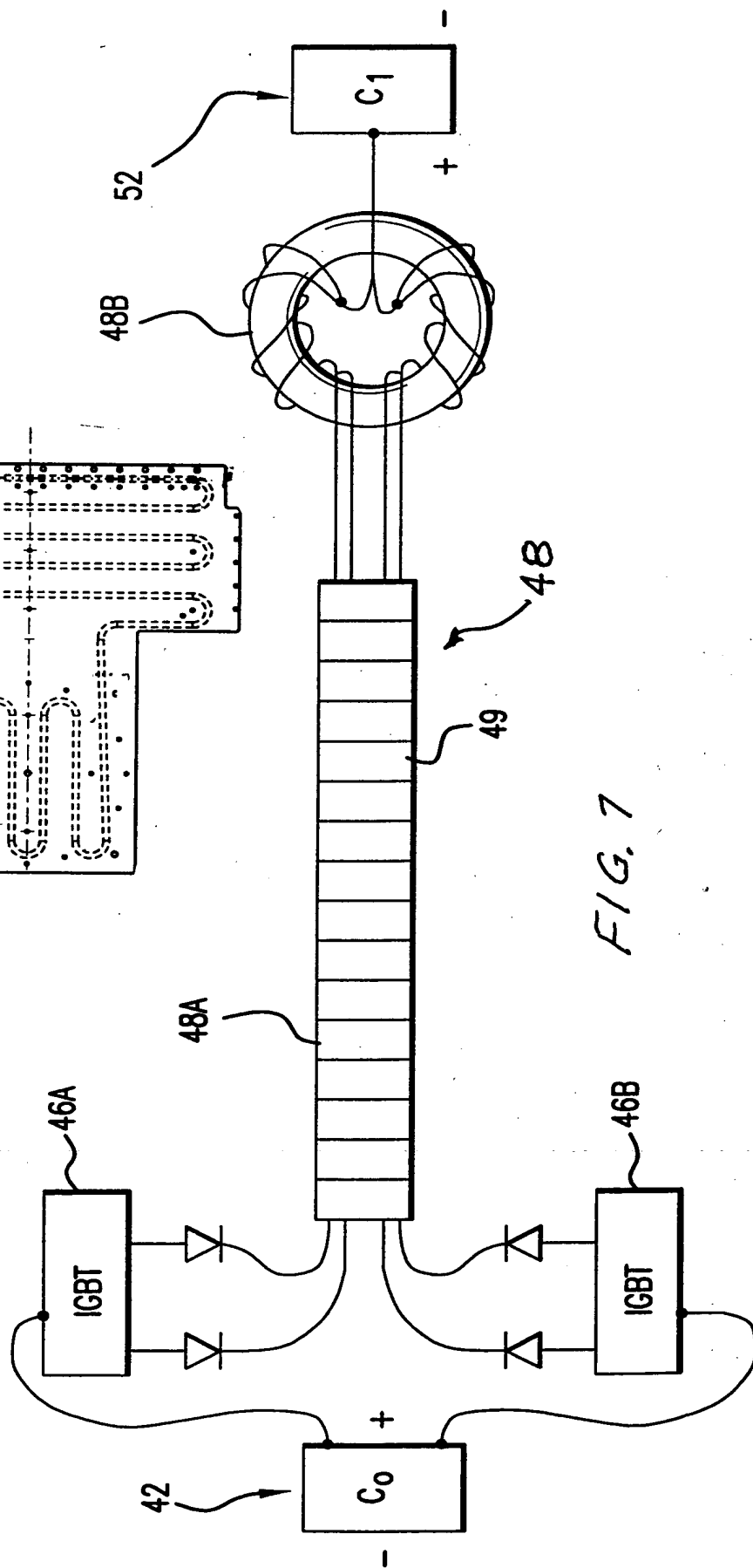


FIG. 7

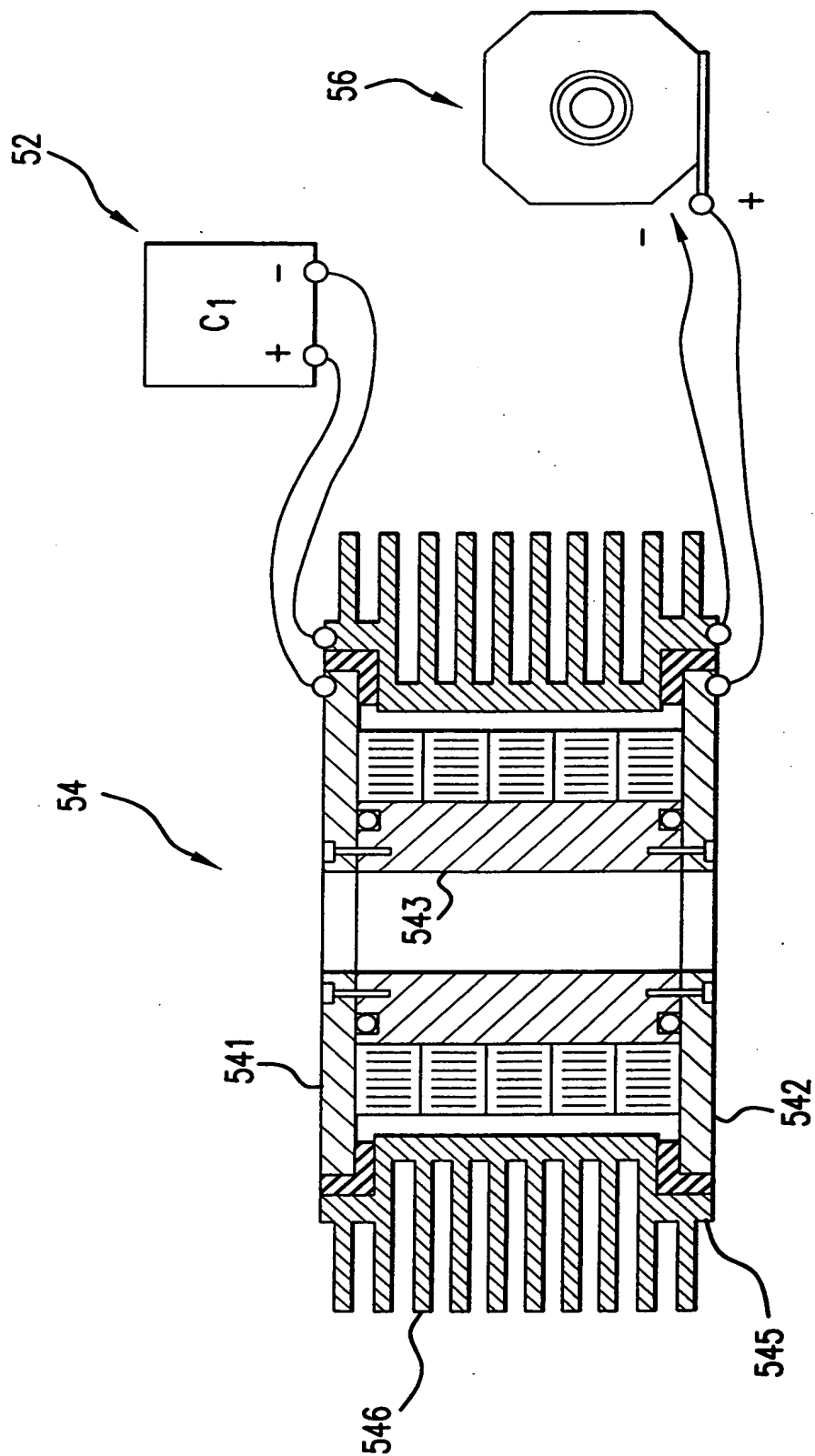


FIG. 8

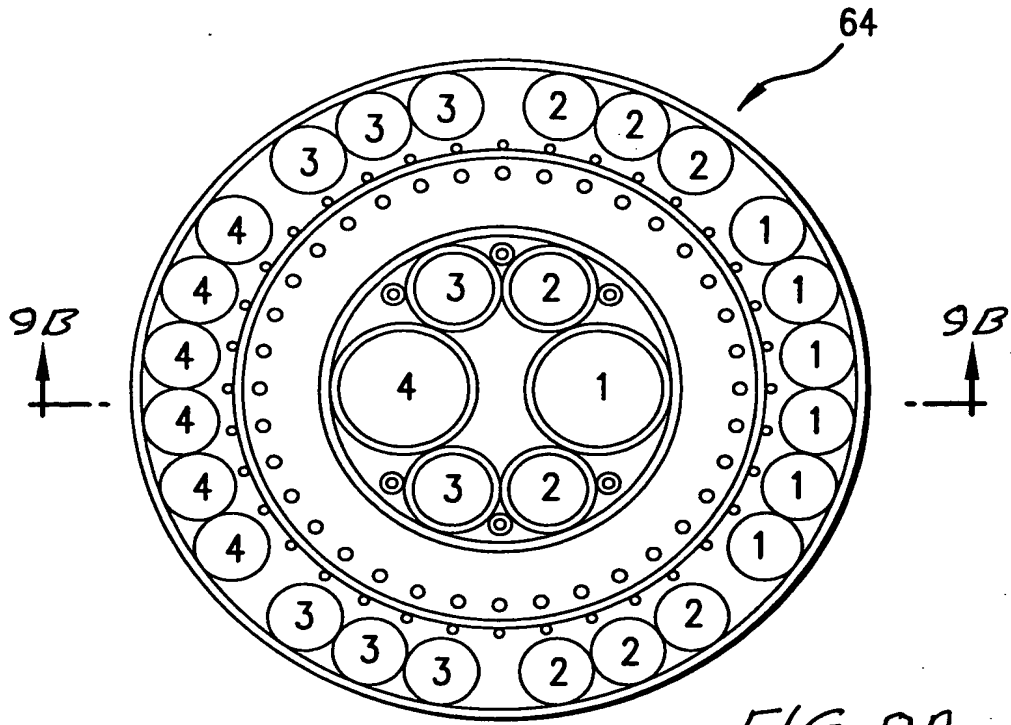


FIG. 9A

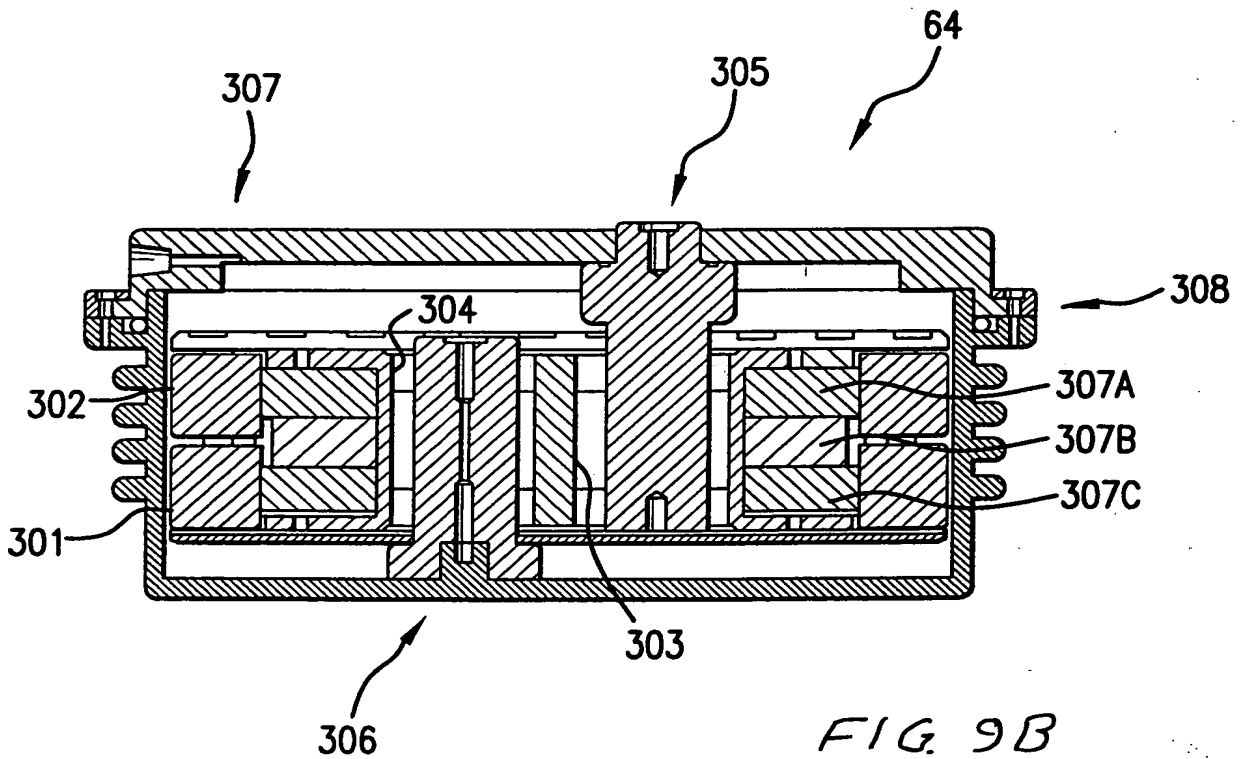
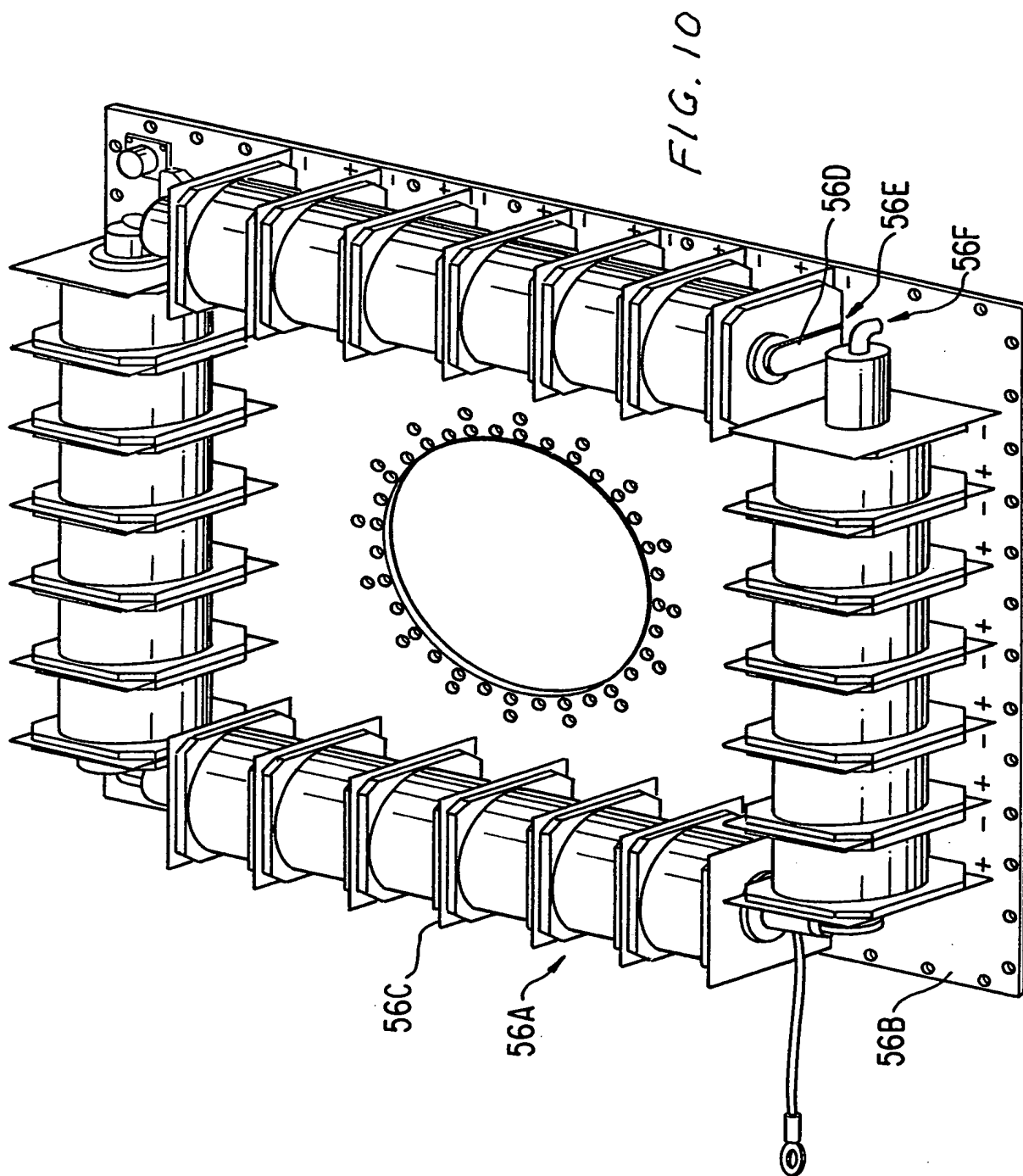


FIG. 9B



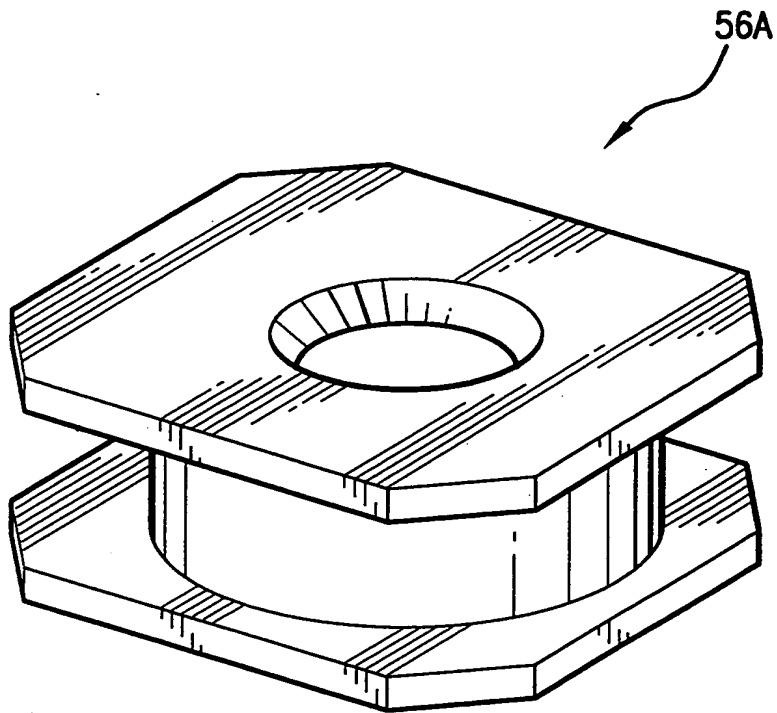


FIG. 10A

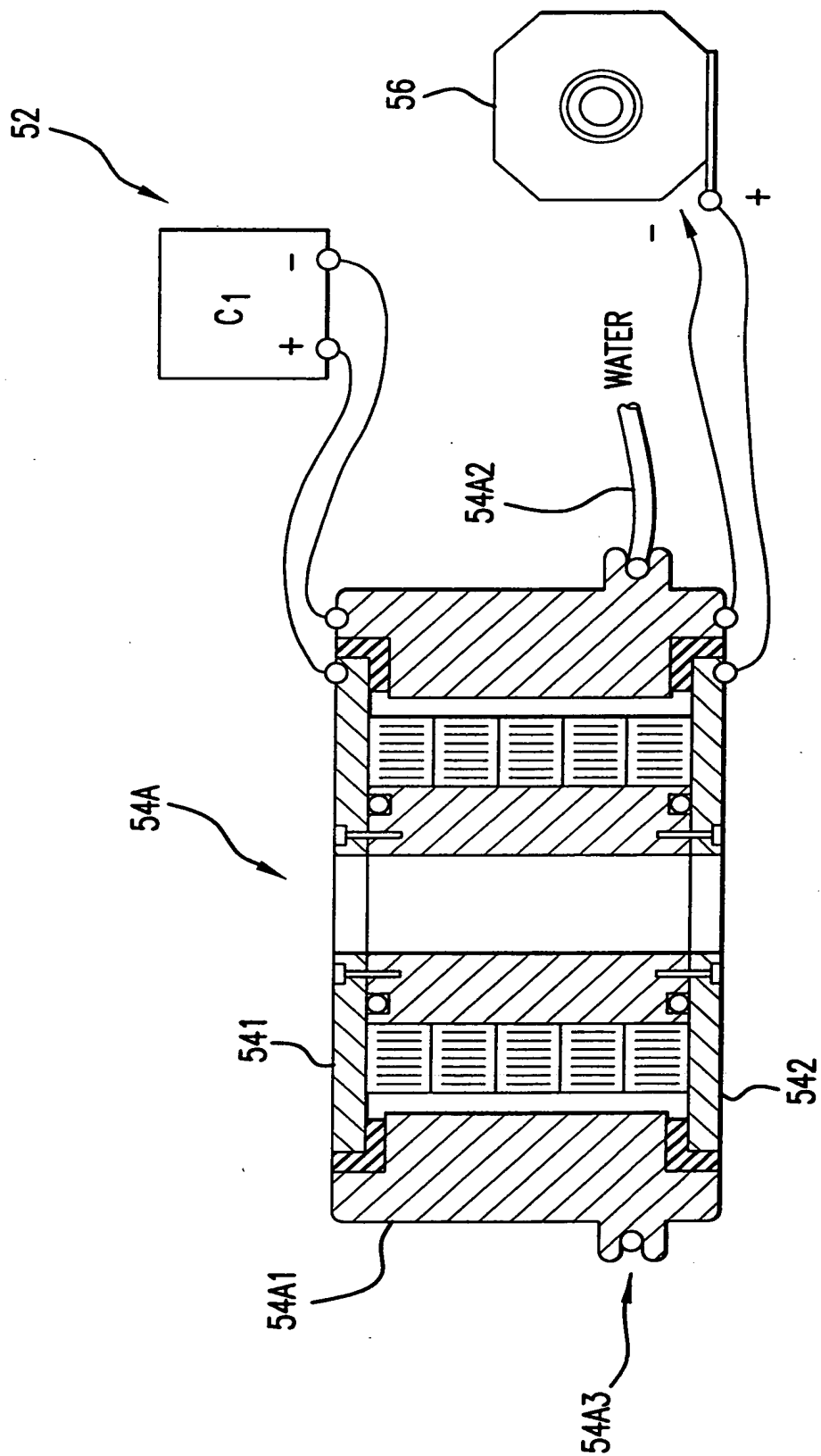


FIG. 11A

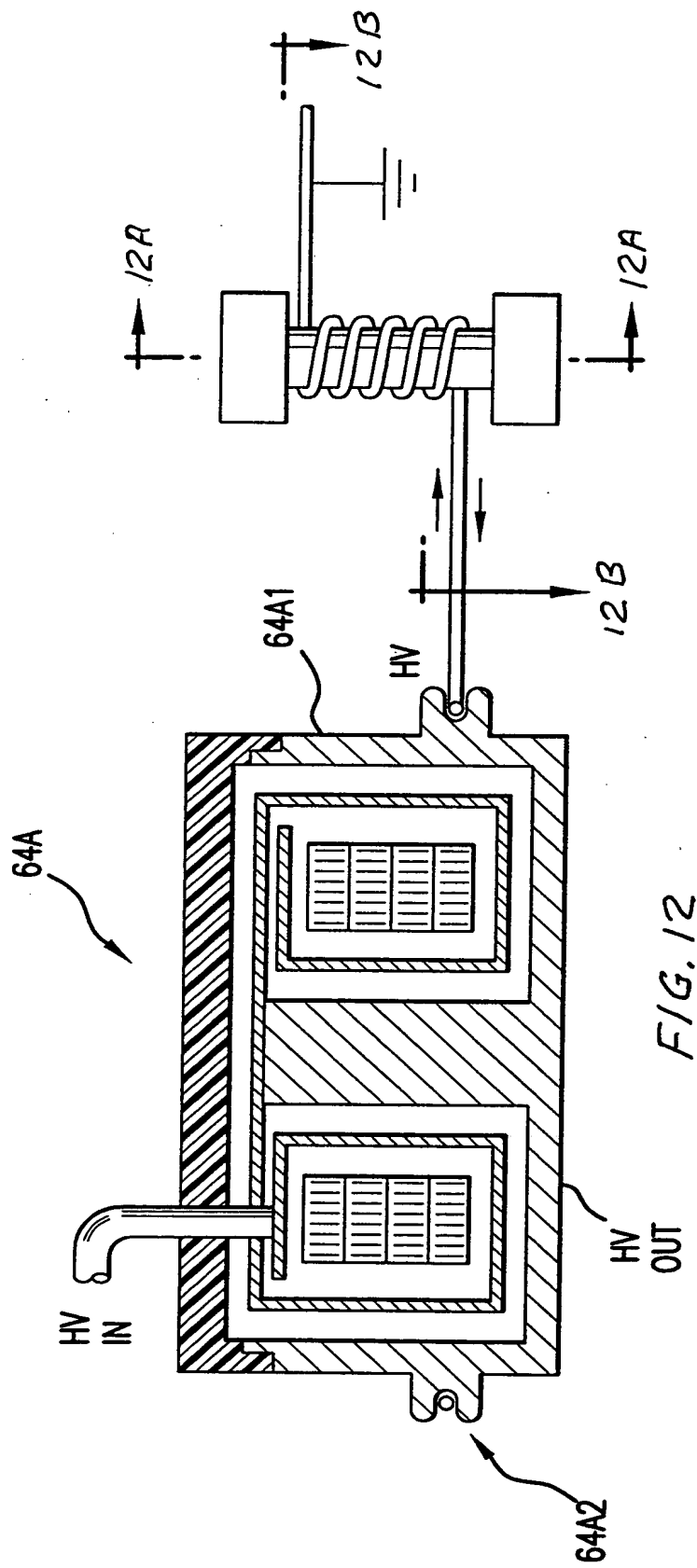


FIG. 12

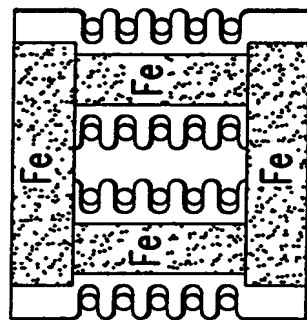


FIG. 12A

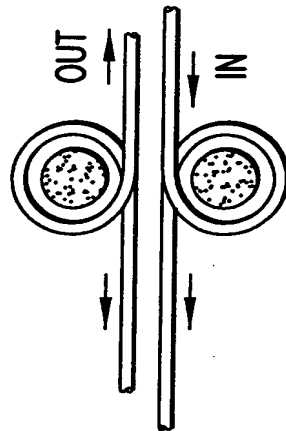


FIG. 12B

TOP VIEW OF FIG. 13

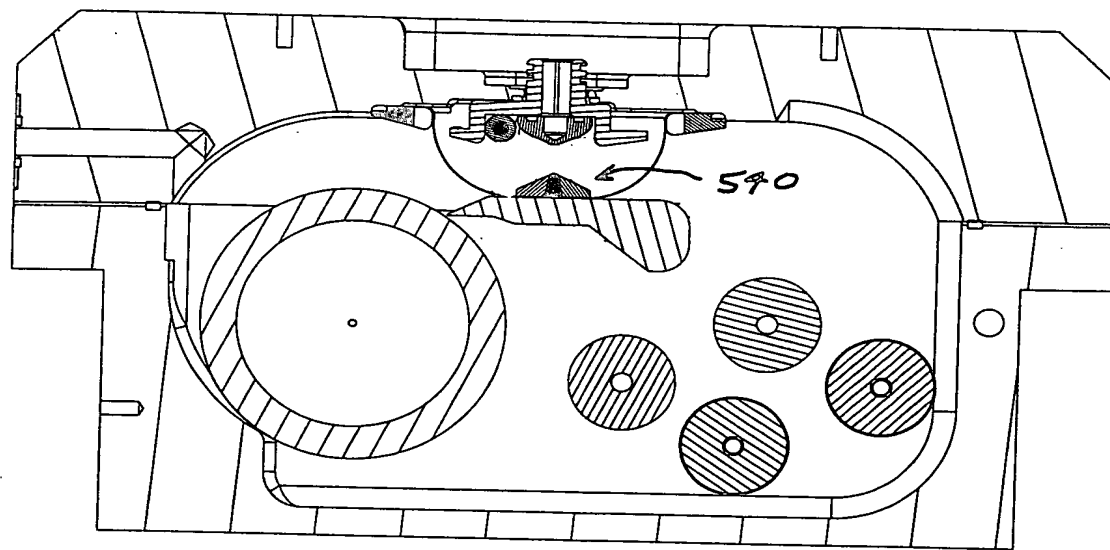


FIG. 13

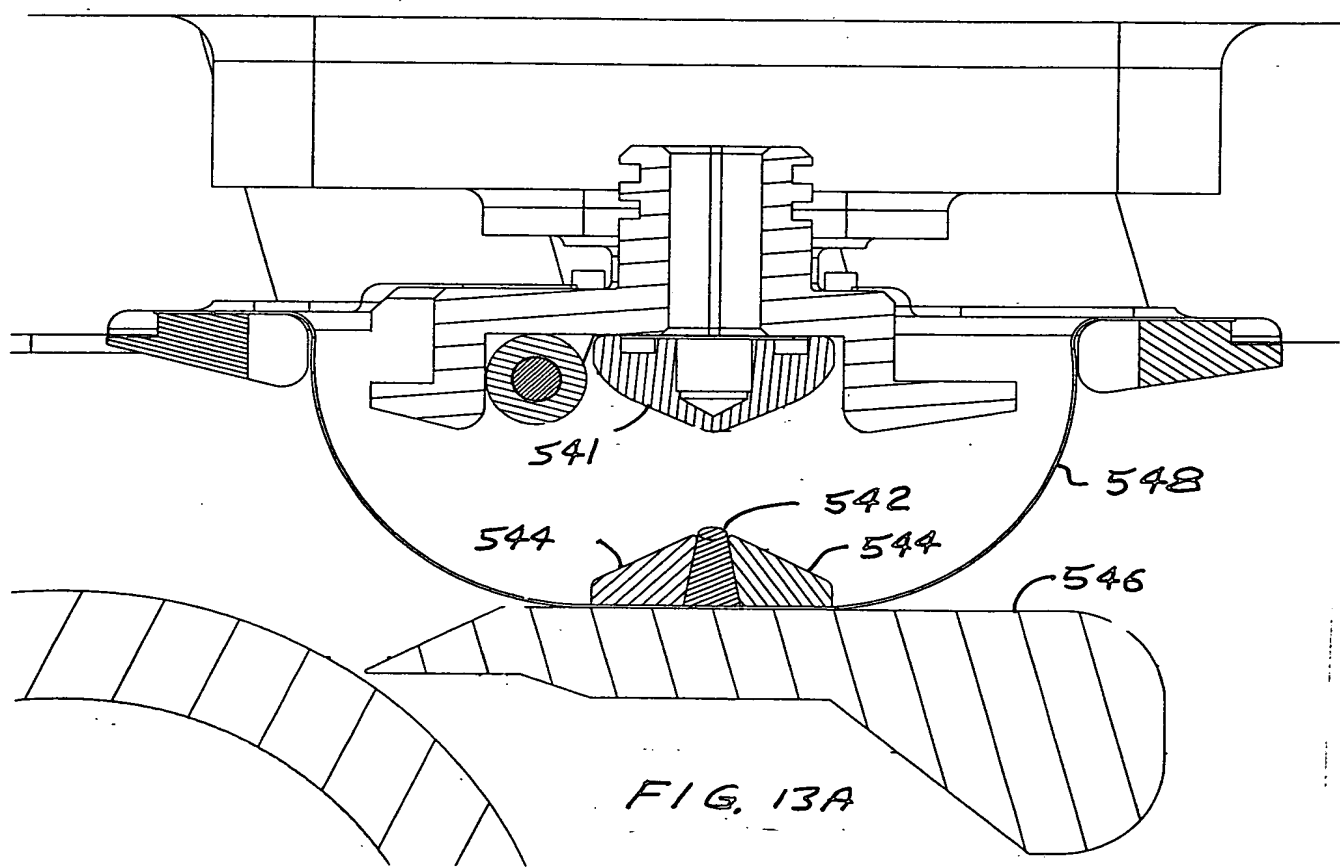


FIG. 13A

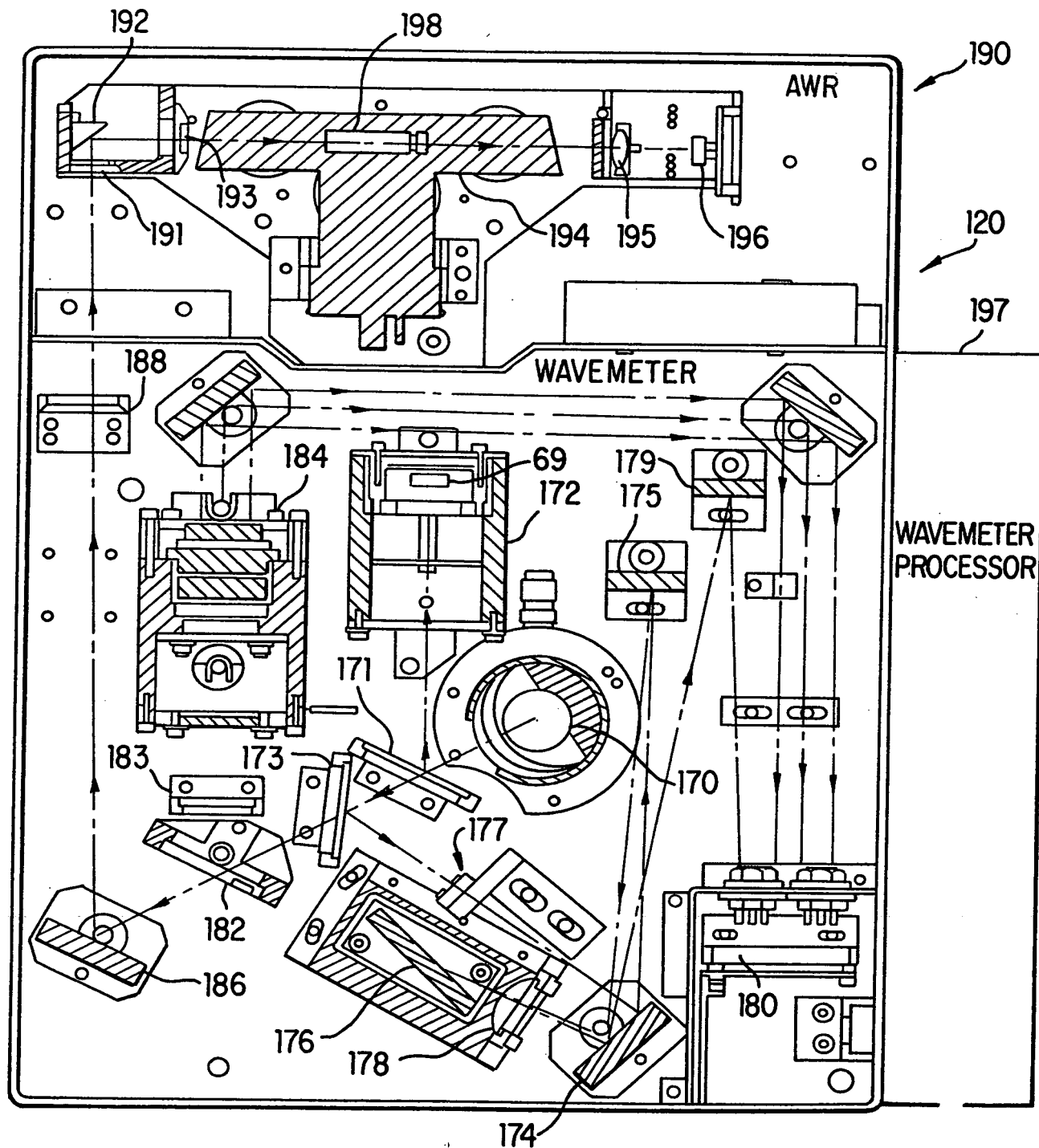


FIG. 14

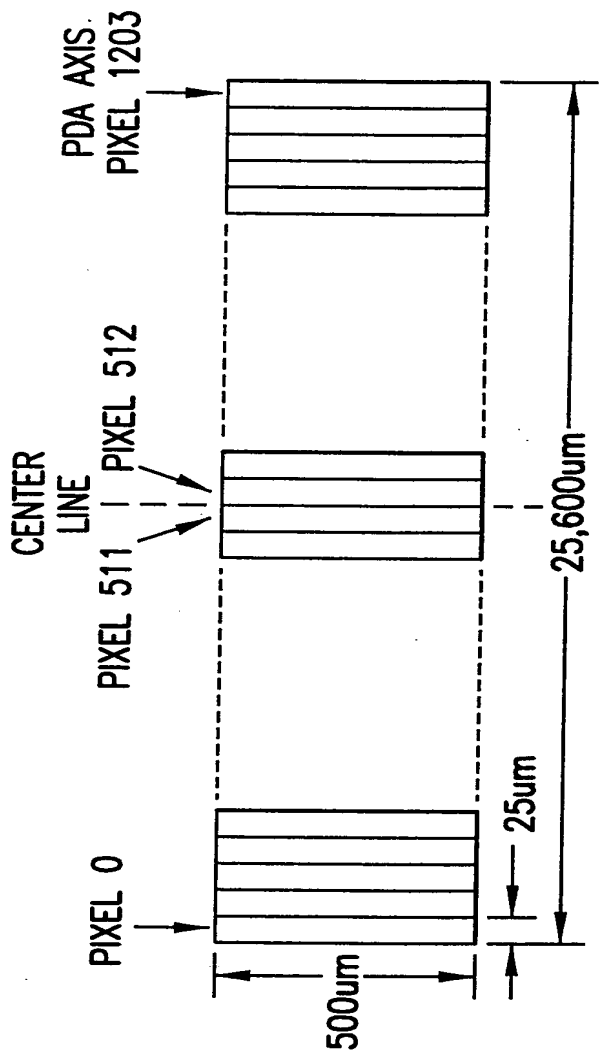


FIG. 14A

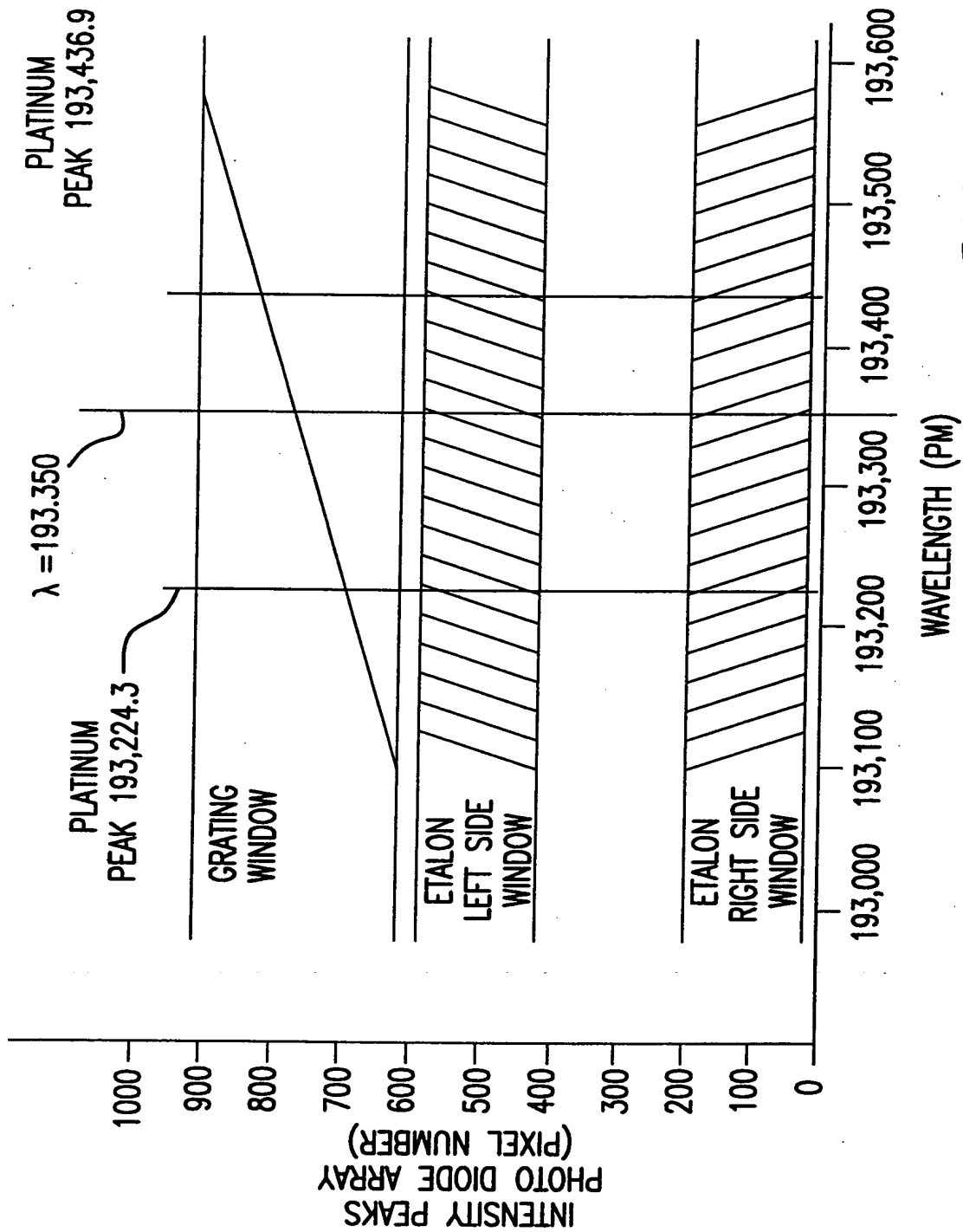


FIG. 14B

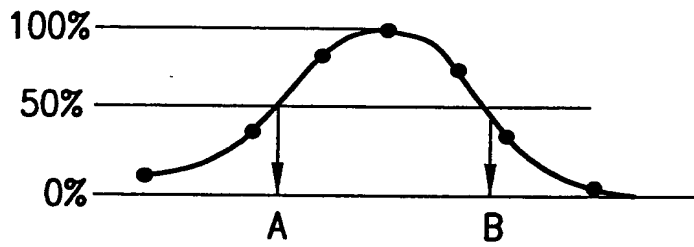


FIG. 14C

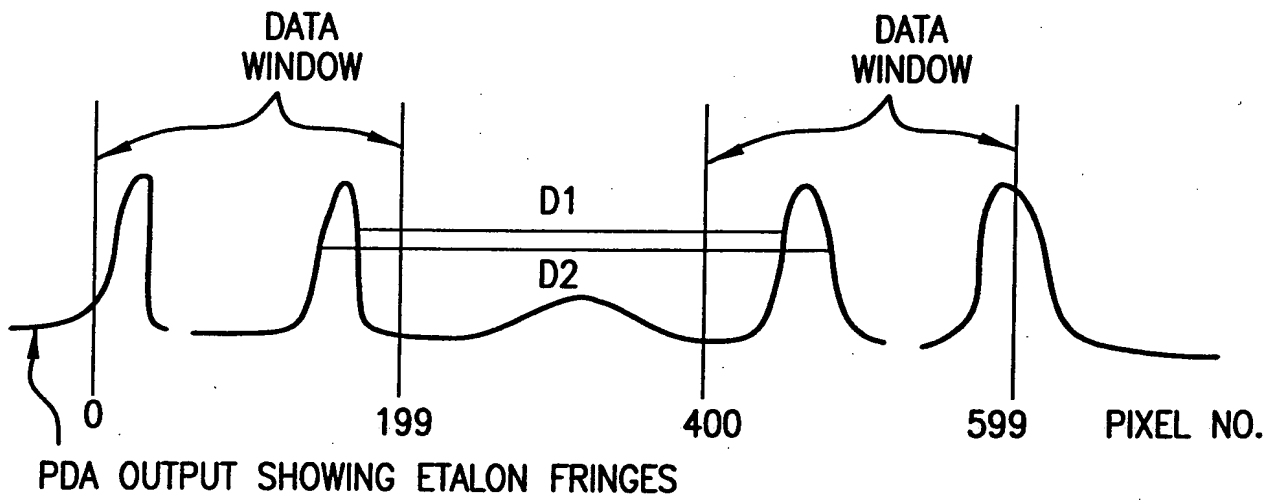


FIG. 14D

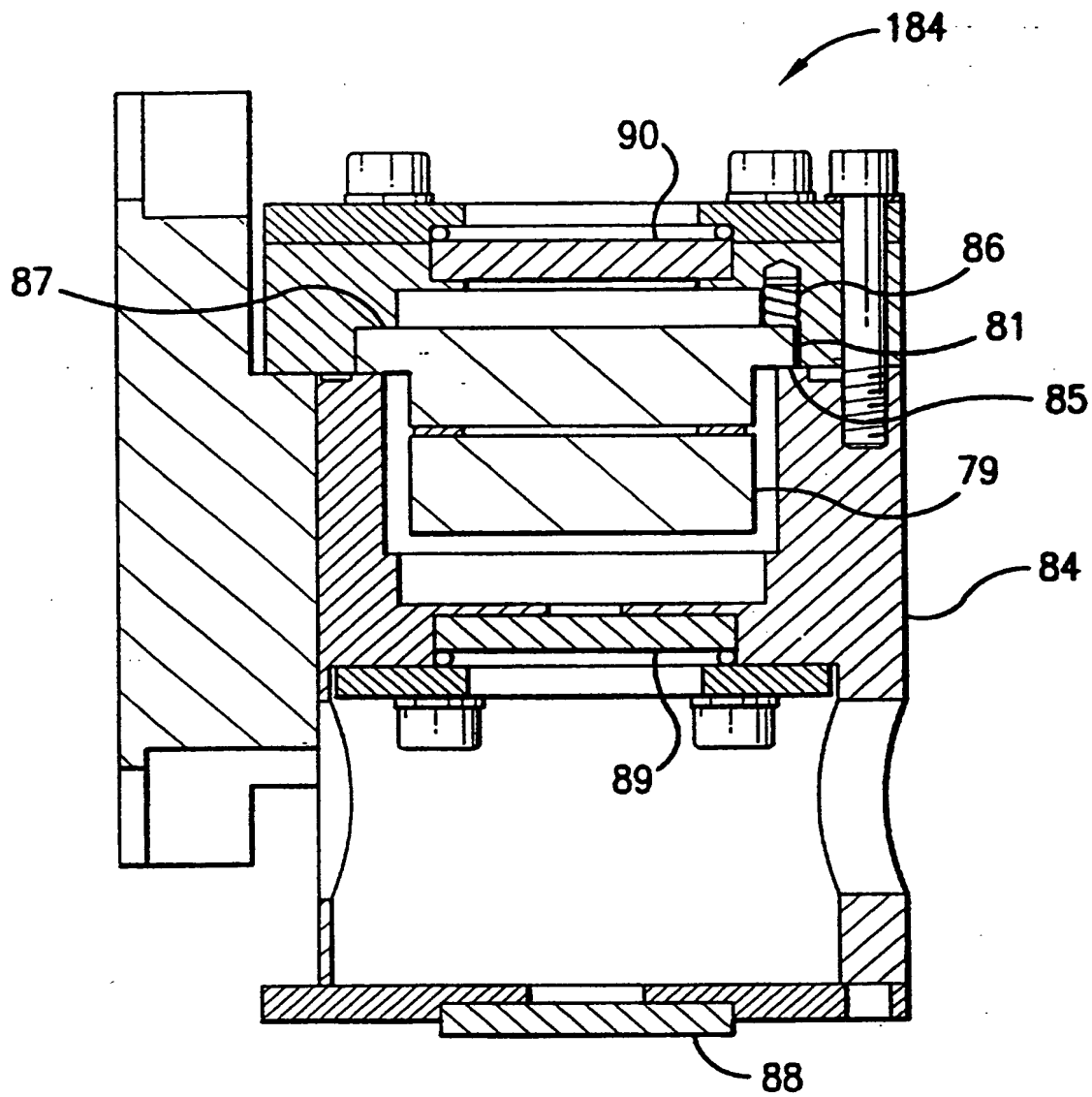


FIG. 14E

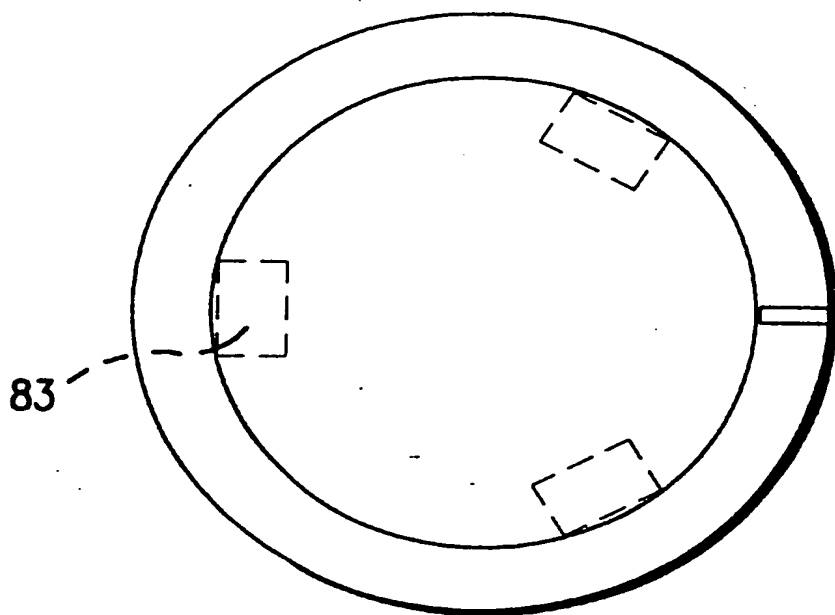
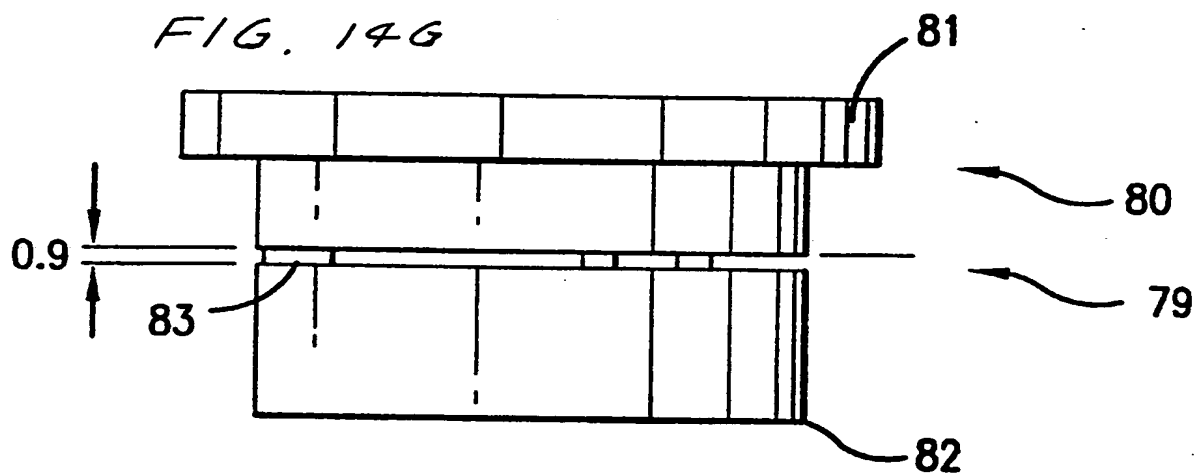


FIG. 14F



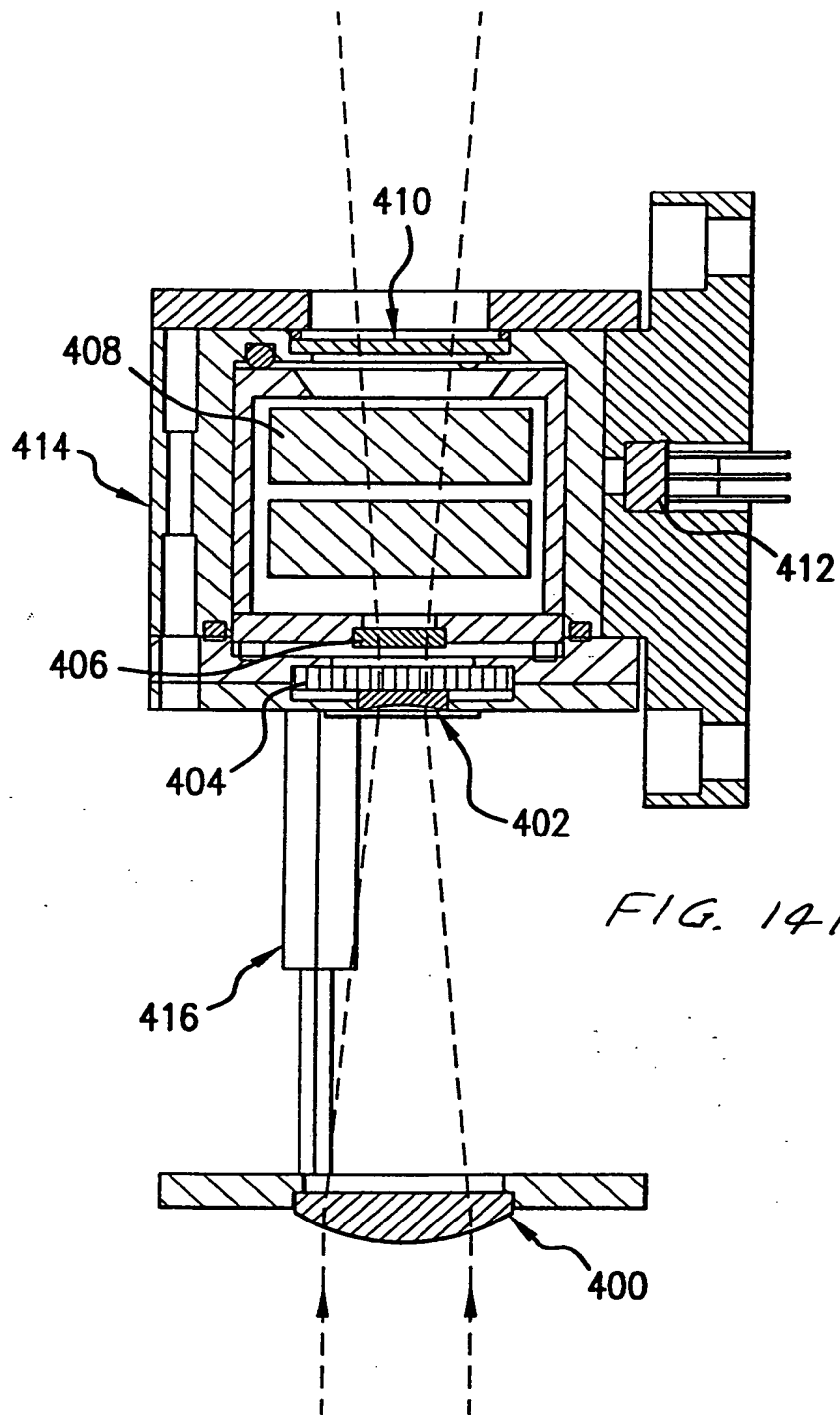


FIG. 14H

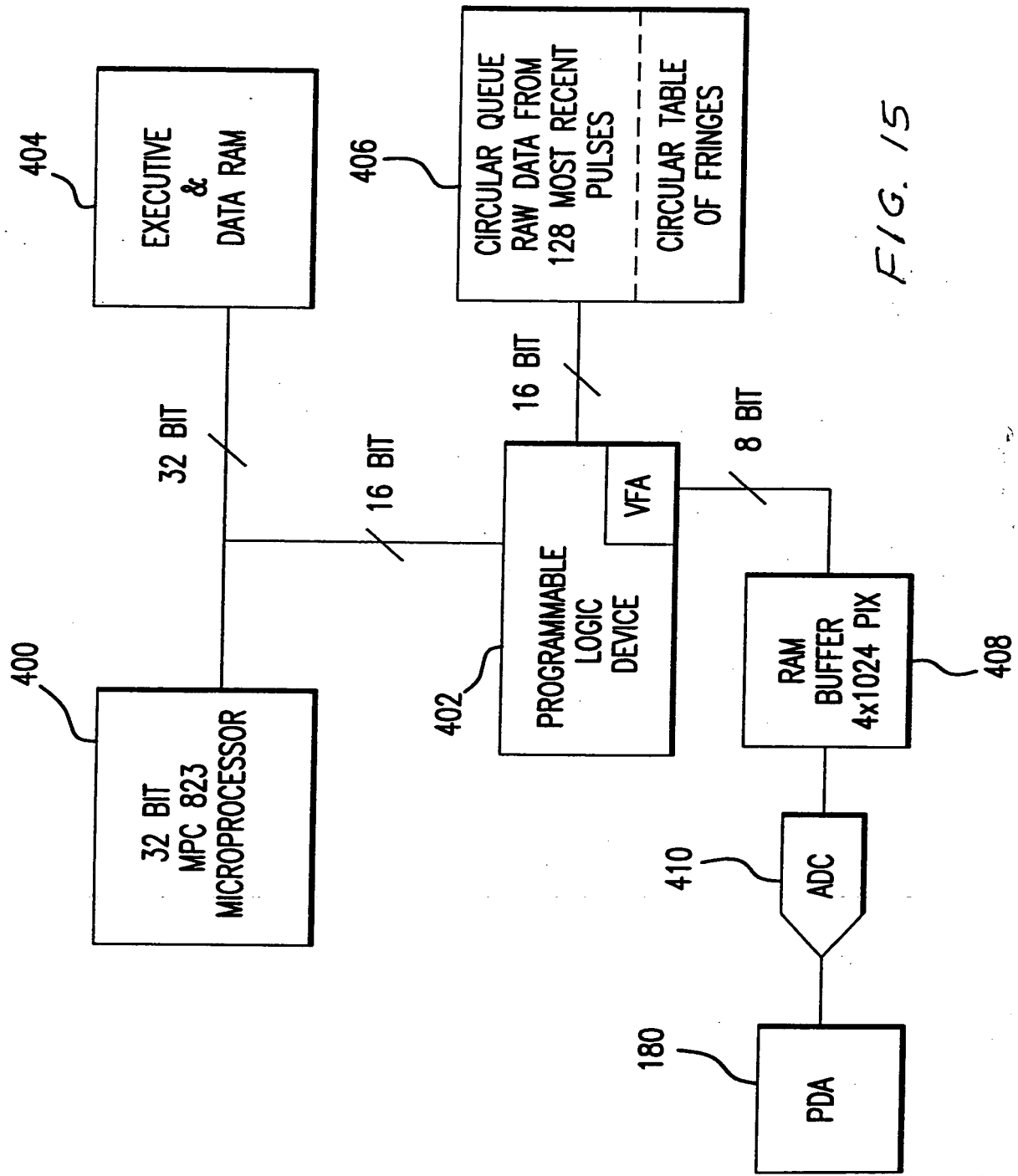


FIG. 15

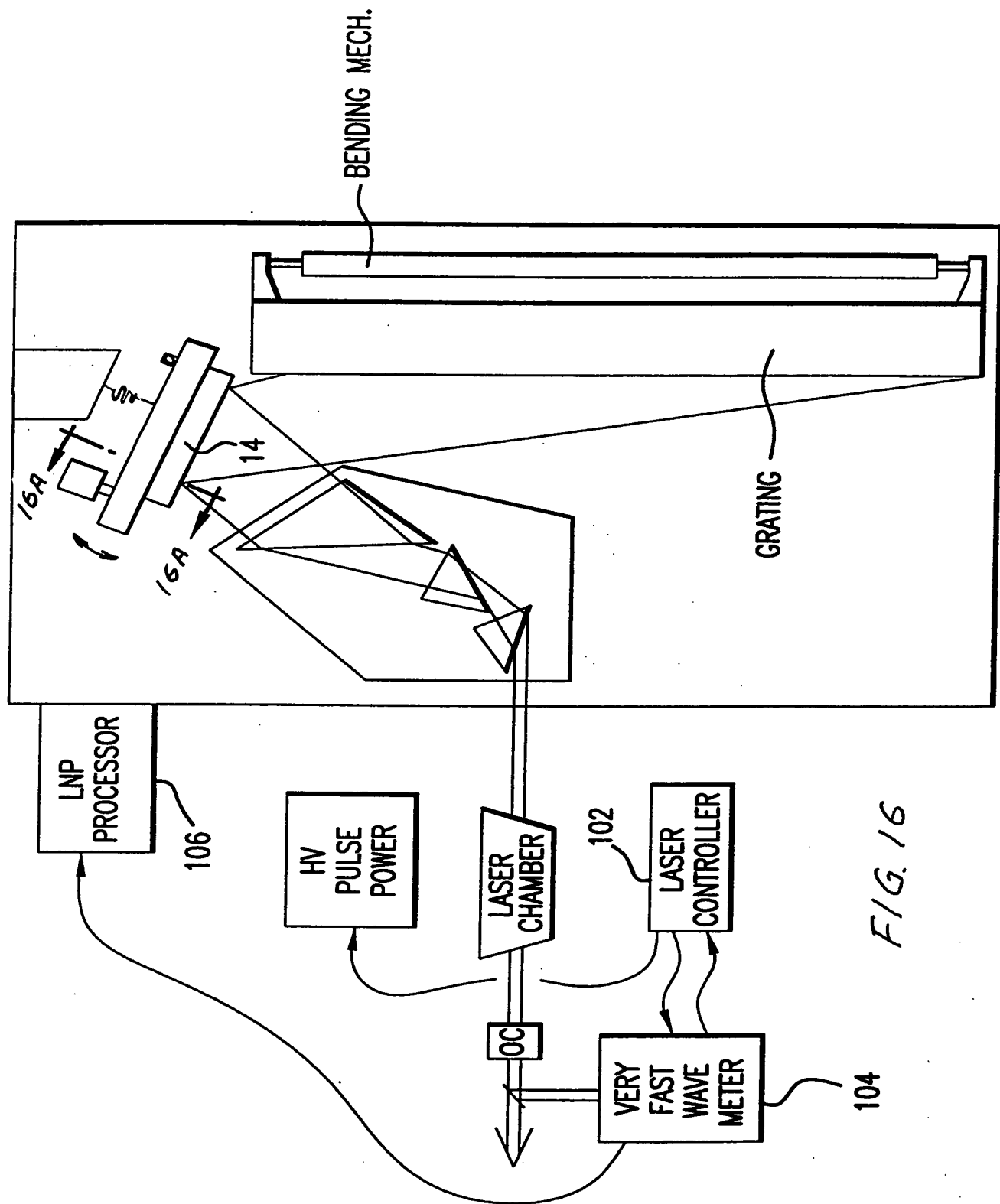


FIG. 16

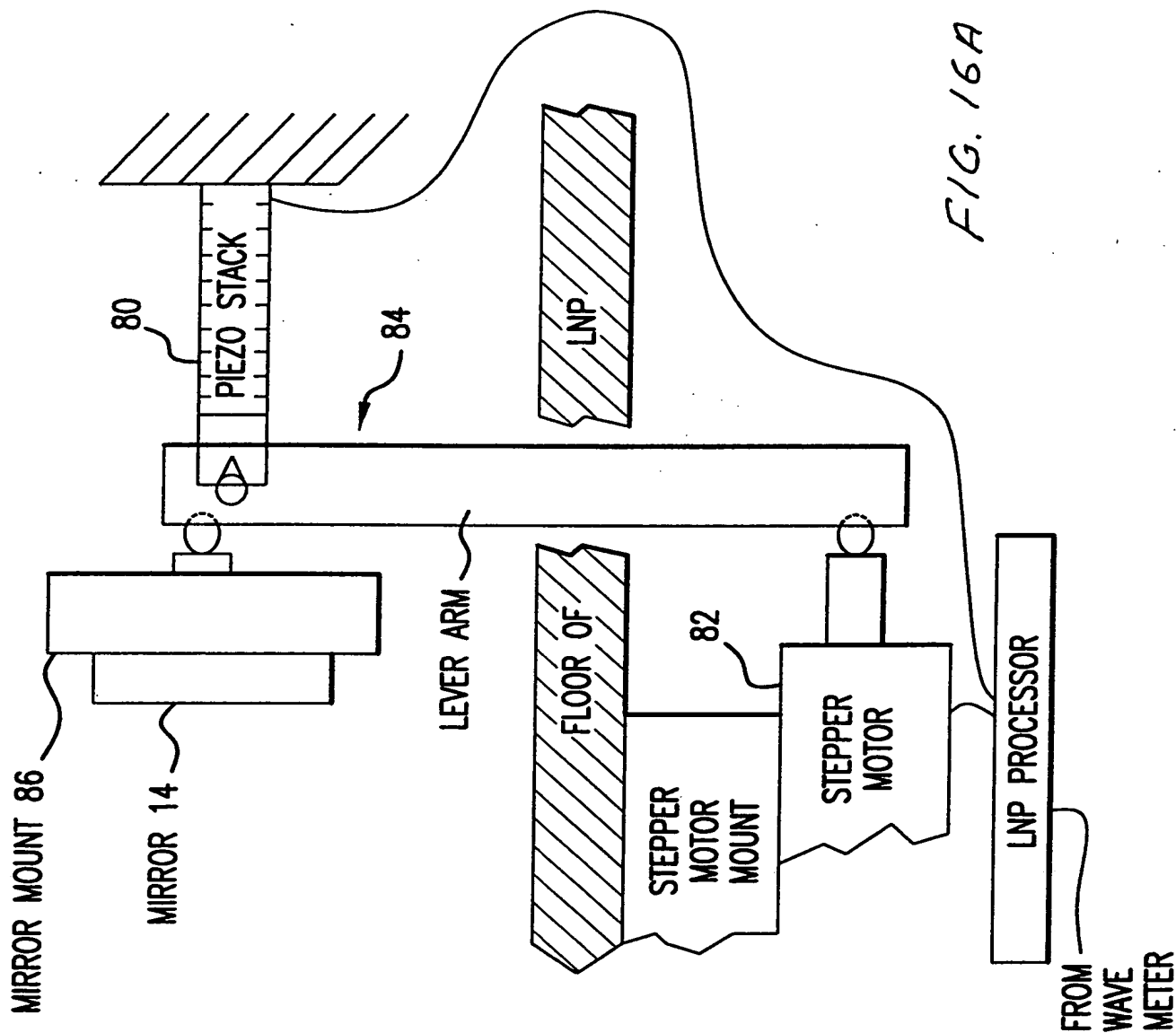


FIG. 16A

FIG. 16B1

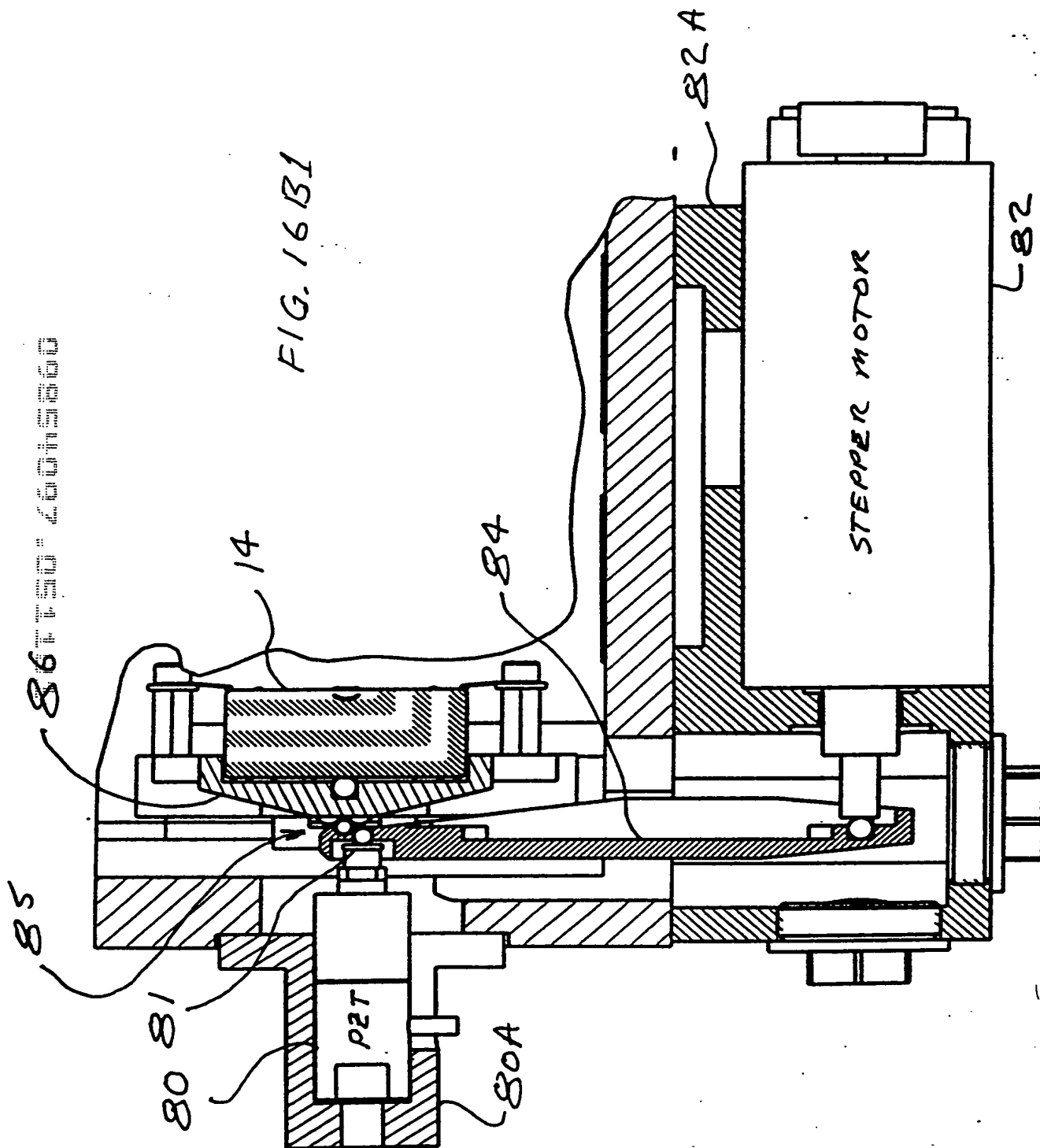
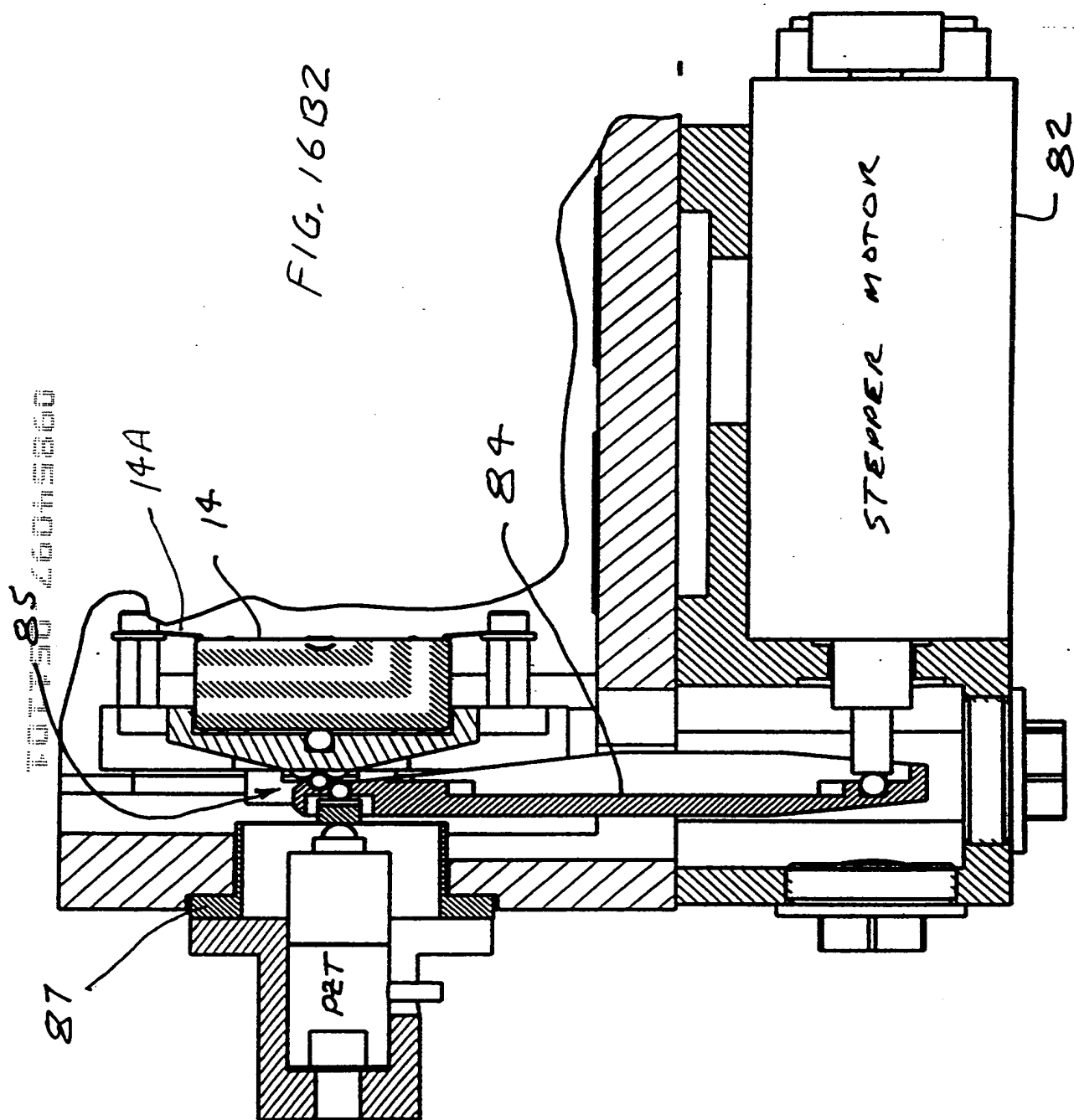


FIG. 16B2



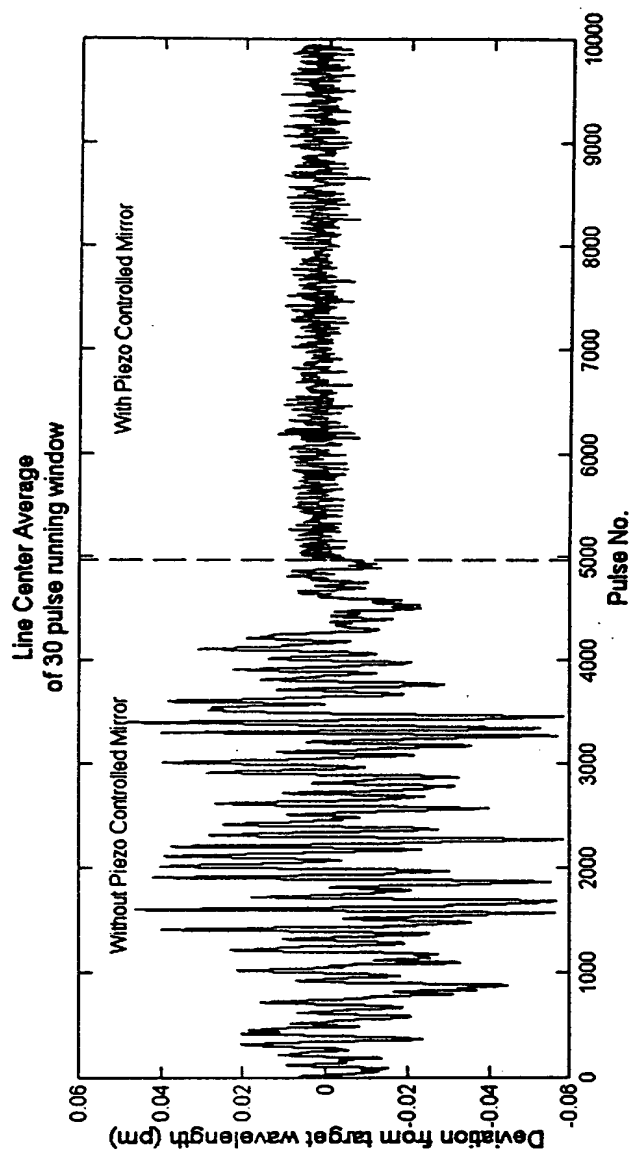


FIG. 16C

FIG. 16D

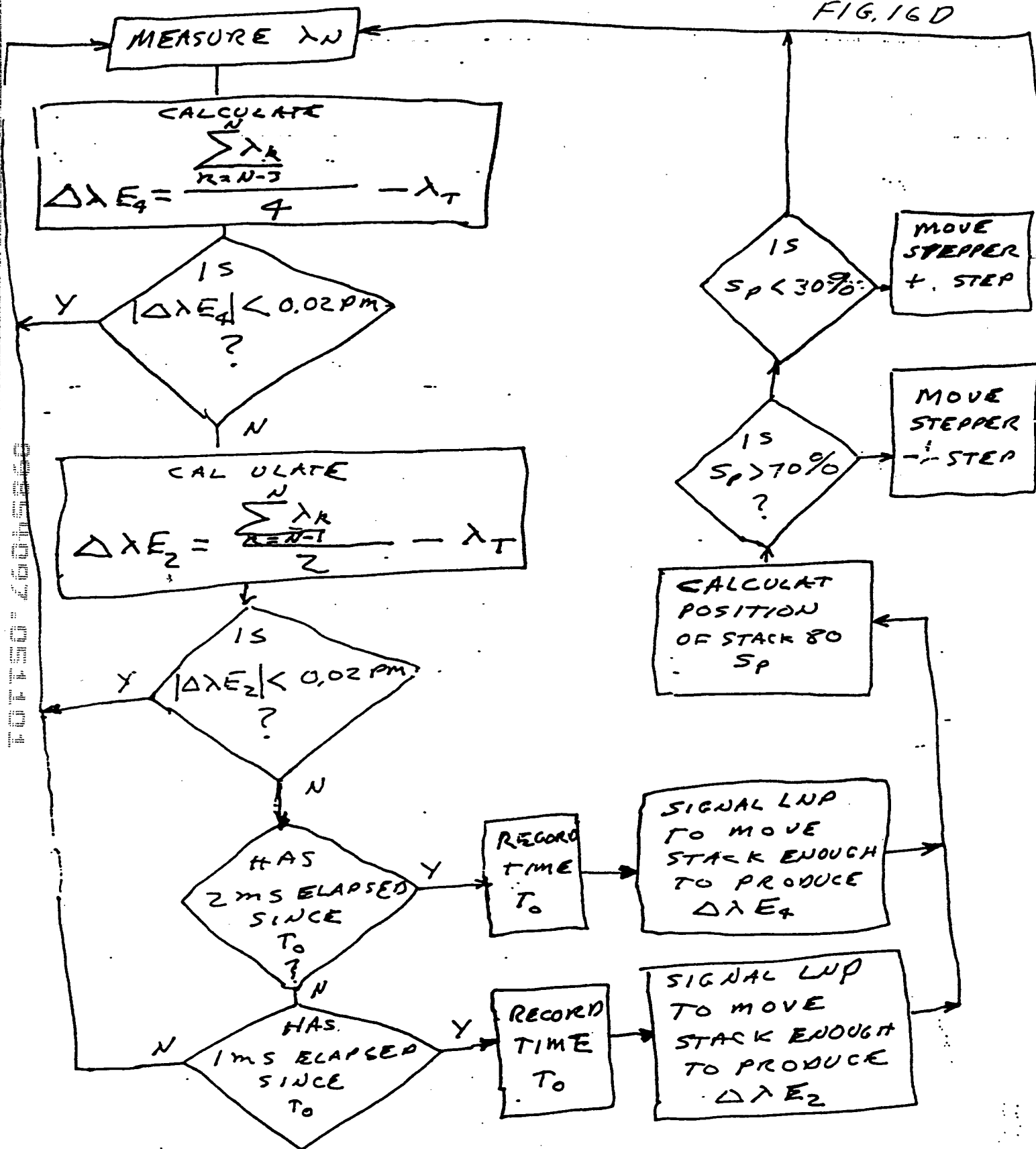
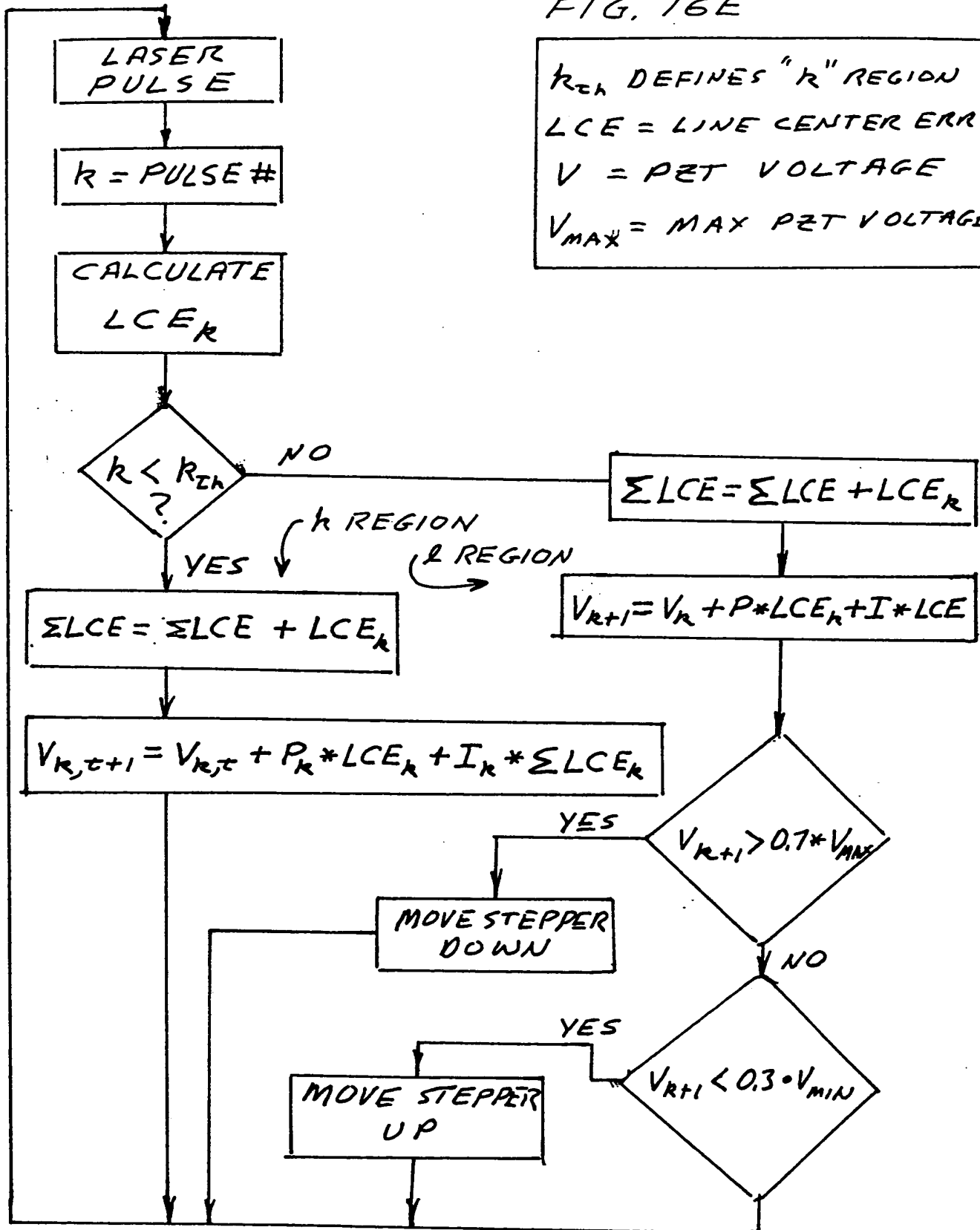


FIG. 16E

k_{TH} DEFINES "K" REGION
 $LCE = \text{LINE CENTER ERROR}$
 $V = \text{PZT VOLTAGE}$
 $V_{MAX} = \text{MAX PZT VOLTAGE}$



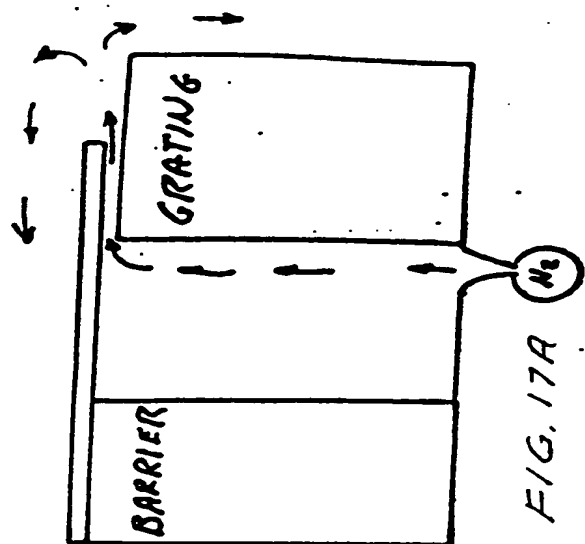
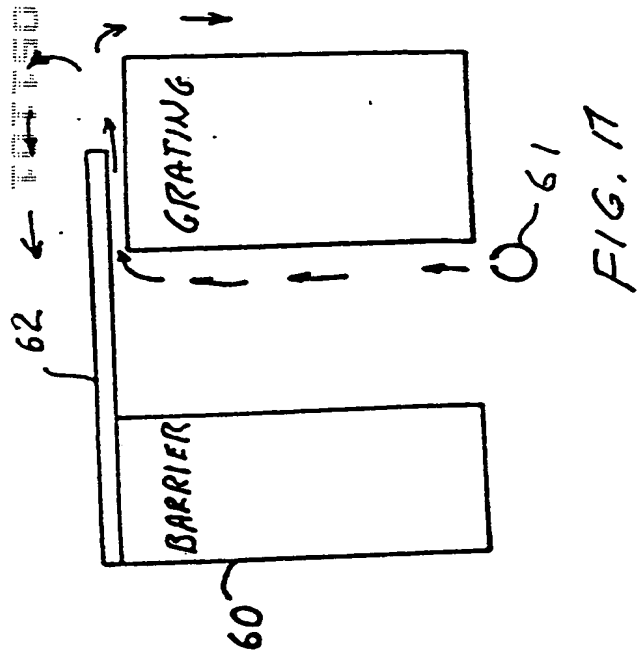


FIG. 17A

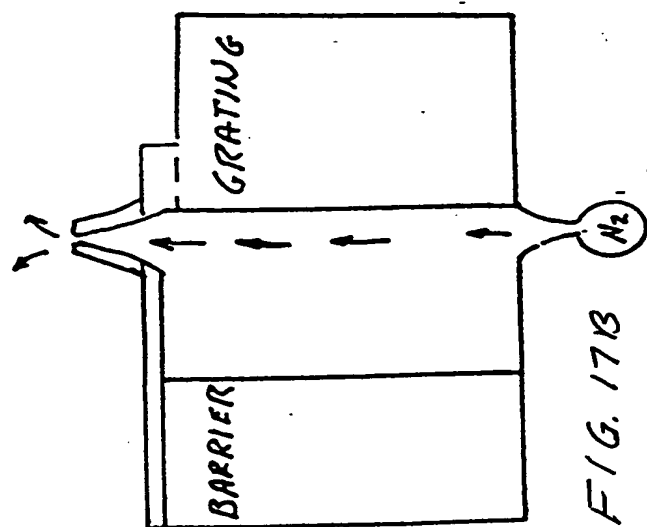


FIG. 17B

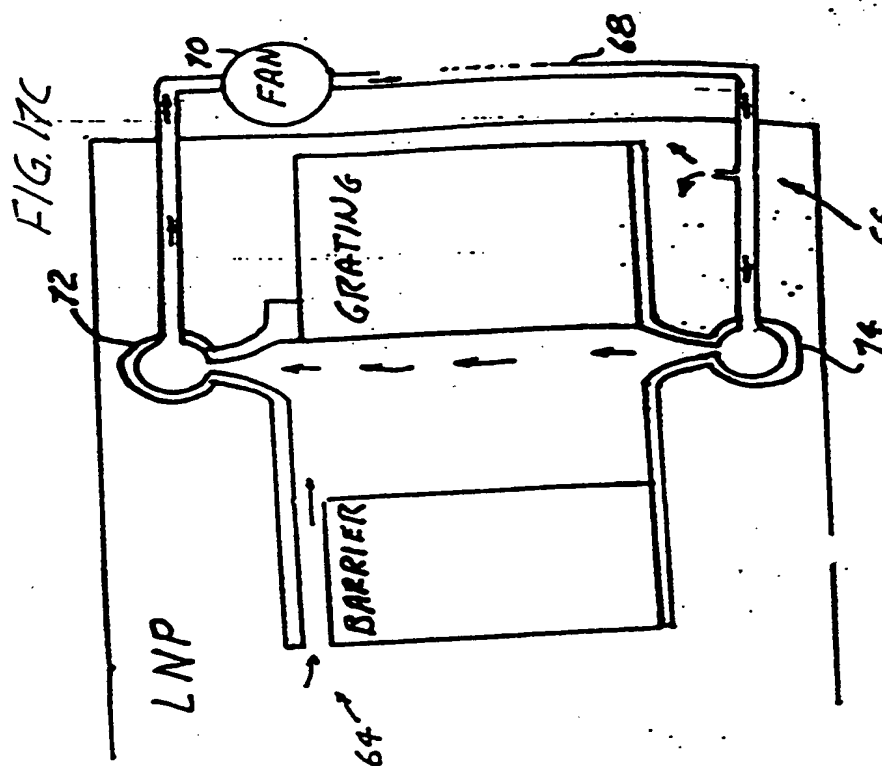


FIG. 17C

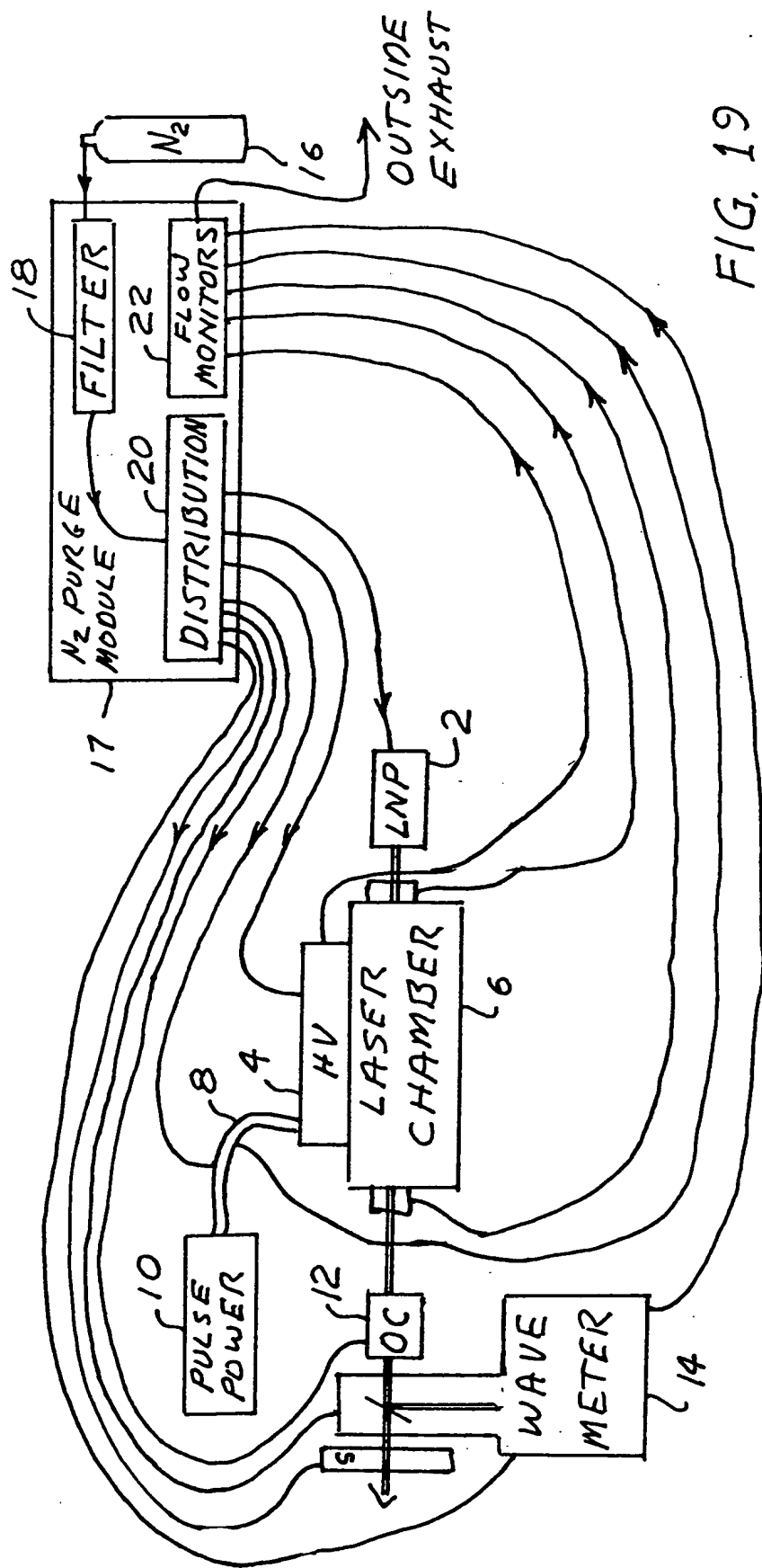


FIG. 19

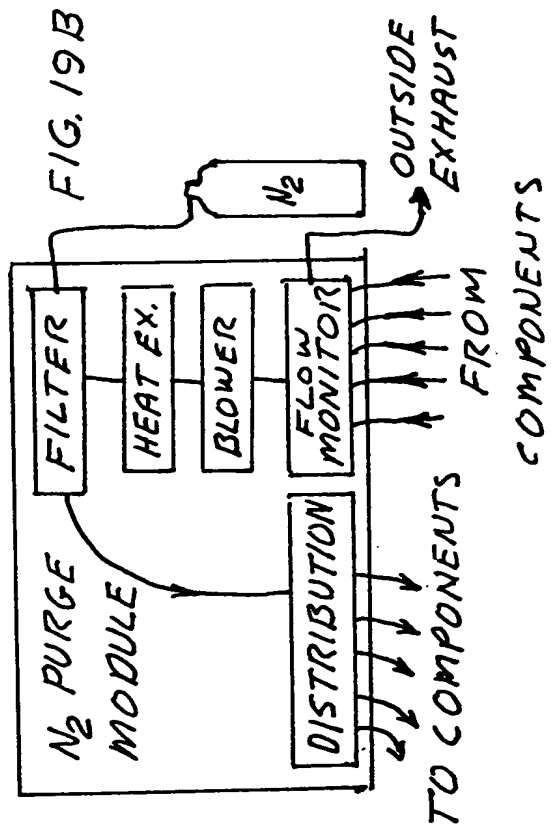


FIG. 19B

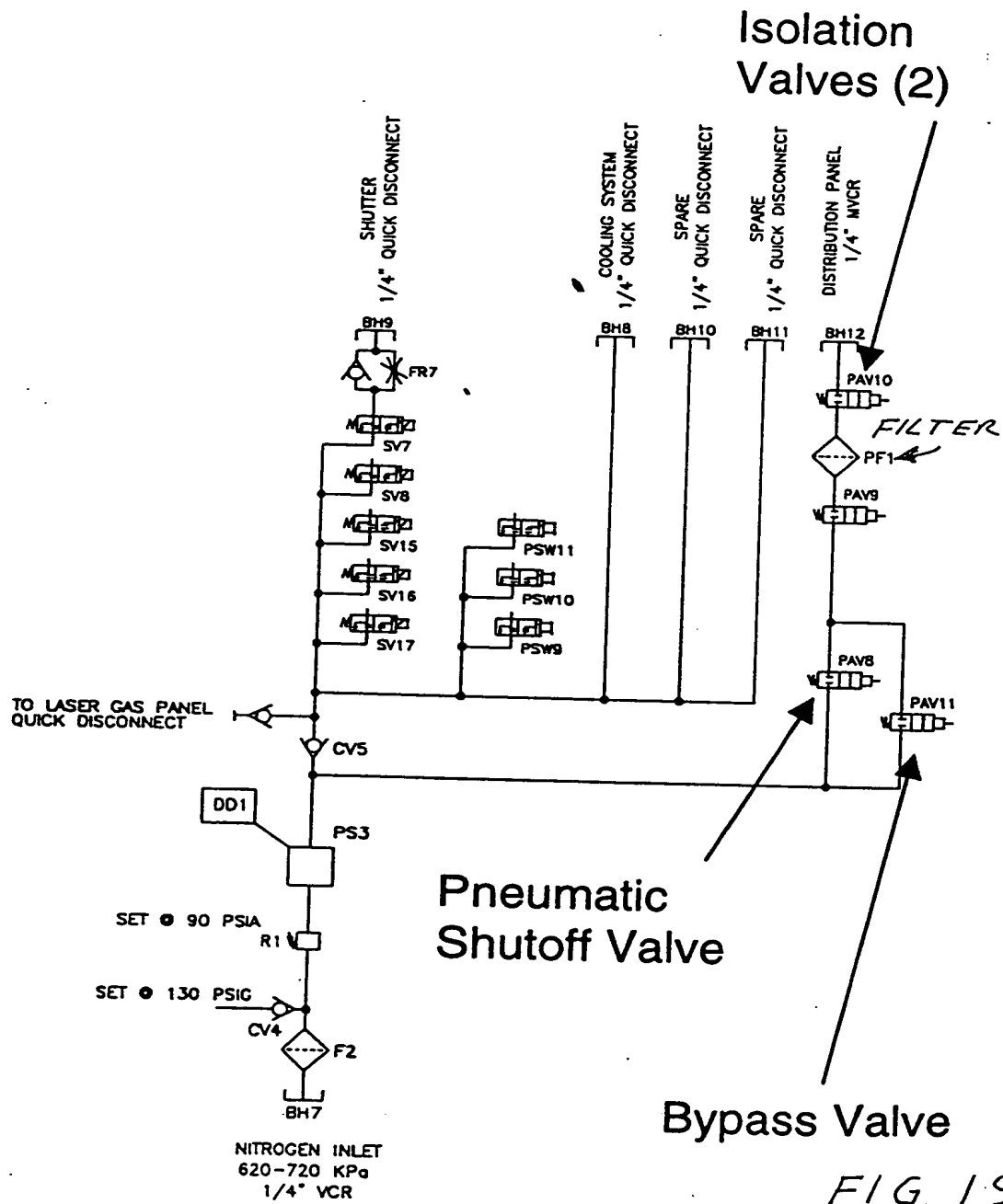
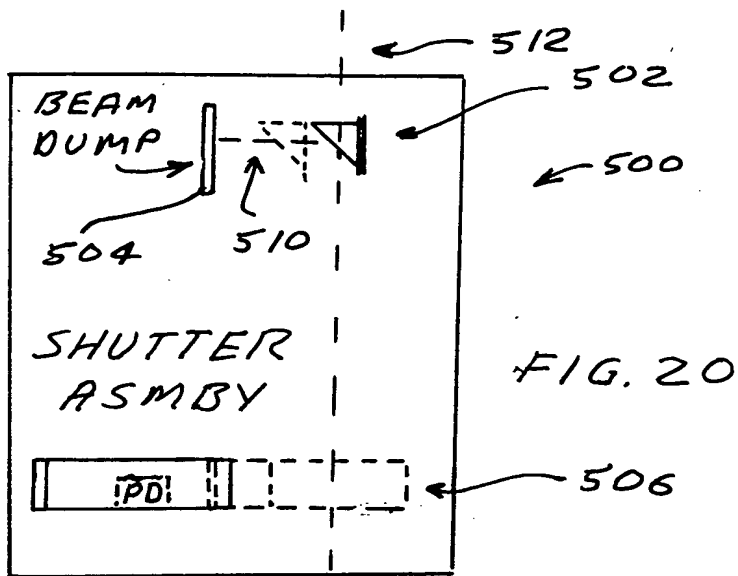


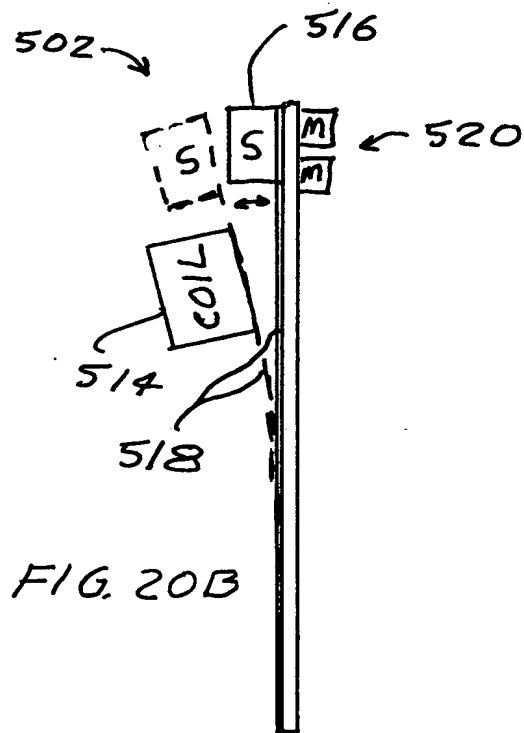
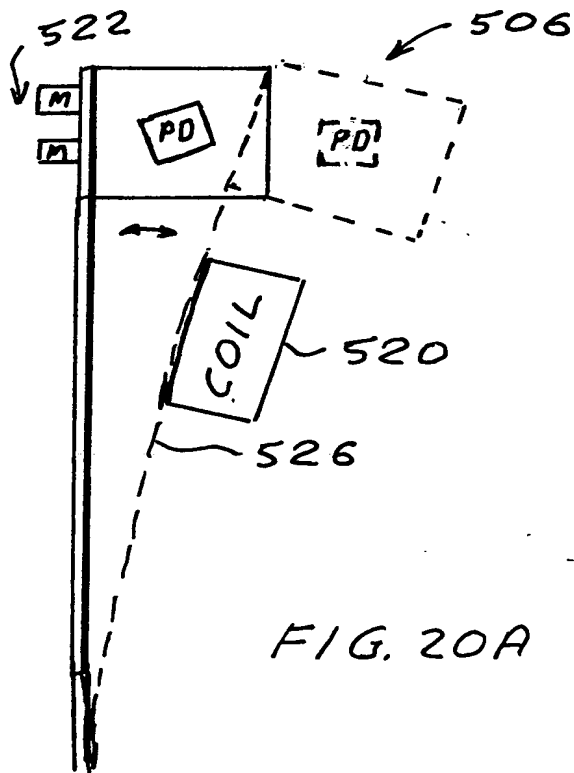
FIG. 19A

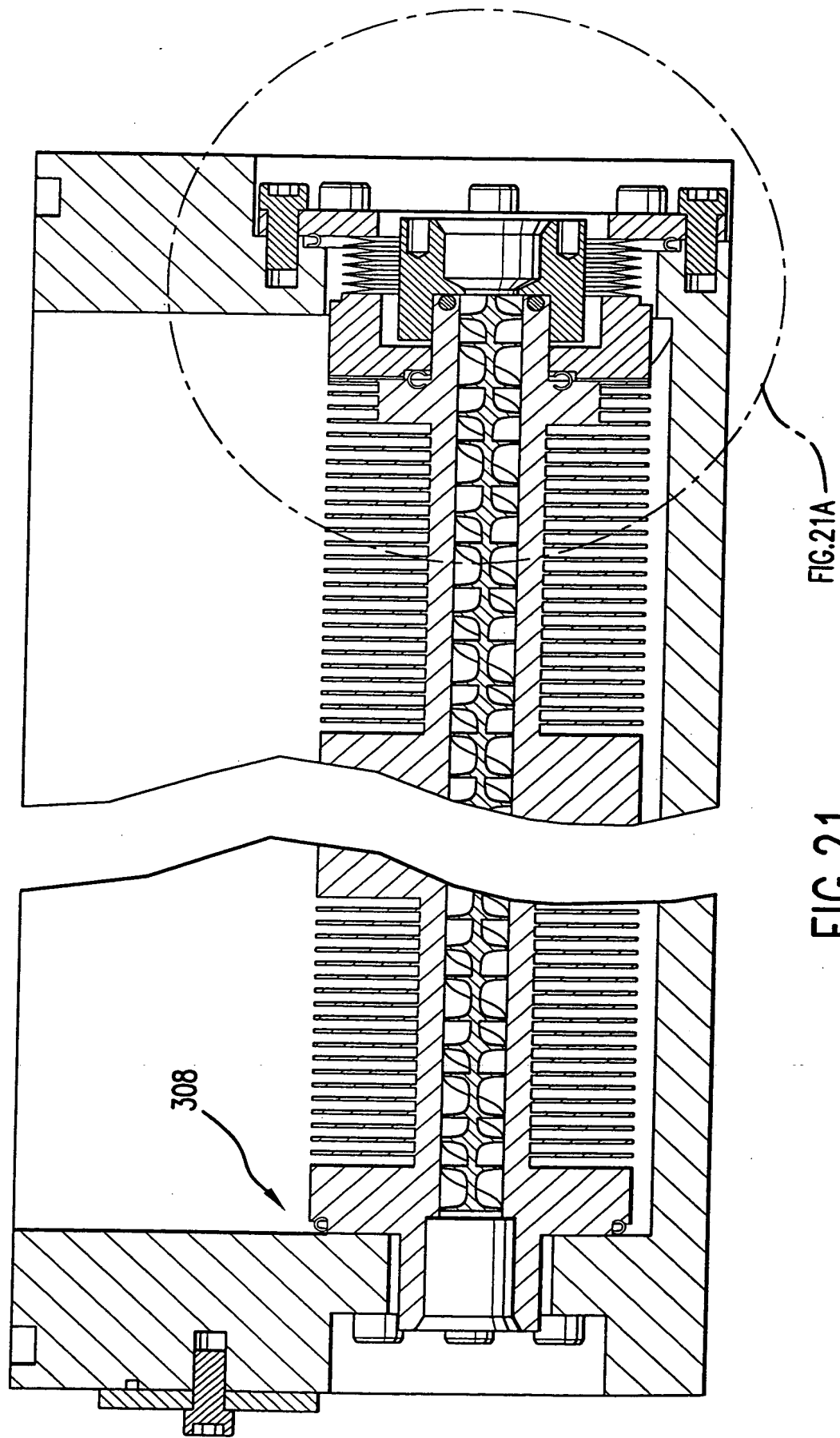


TOP VIEW

LASER BEAM 508

LASER CHAMBER





Patent 6,615,500

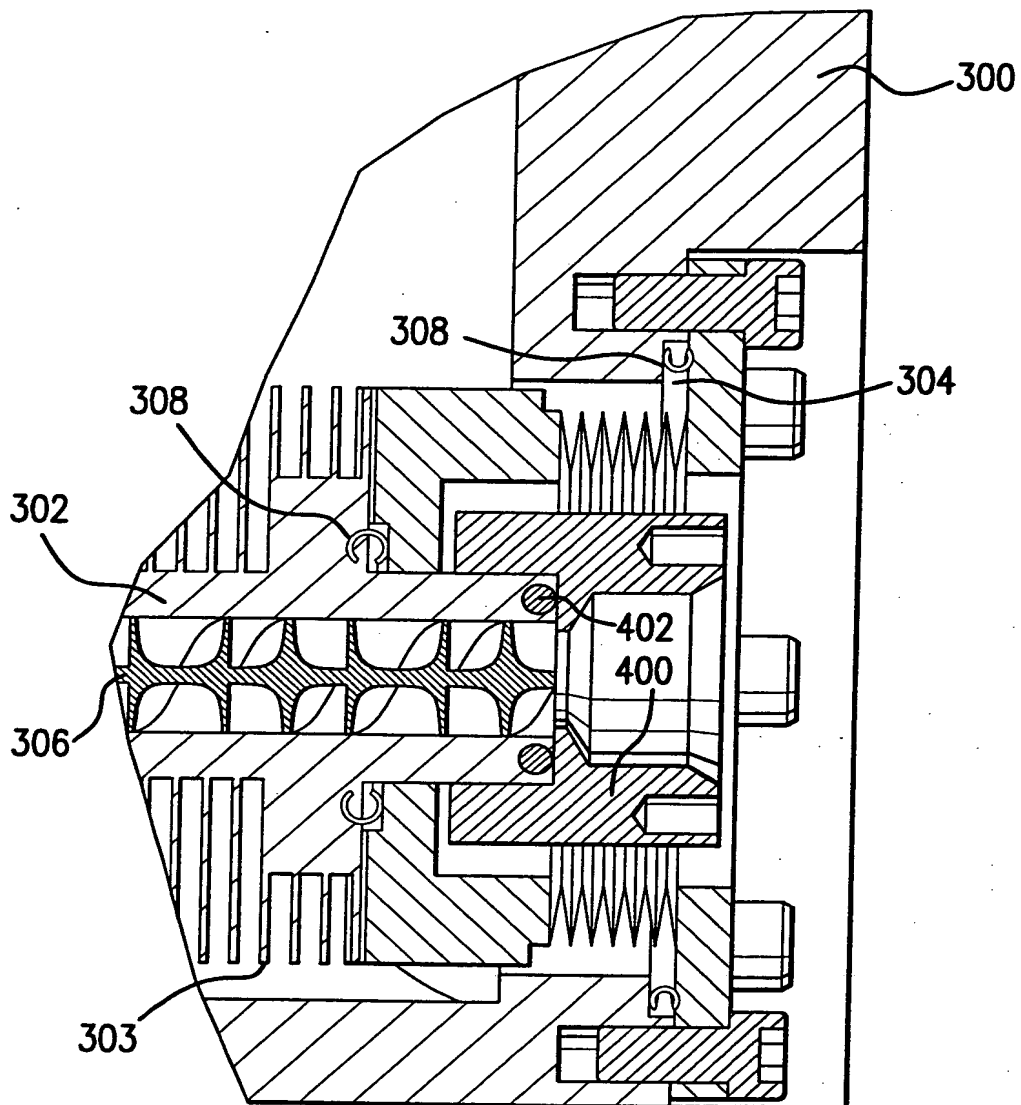


FIG.21A

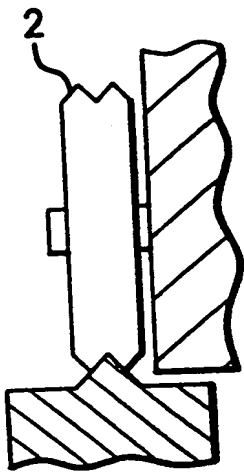


FIG. 22B

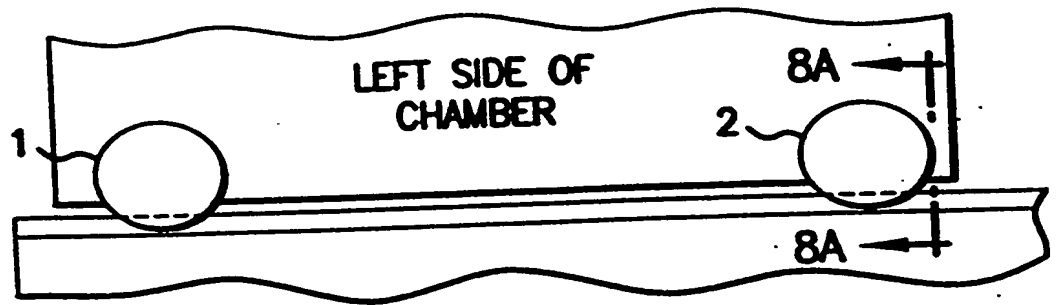


FIG. 22A

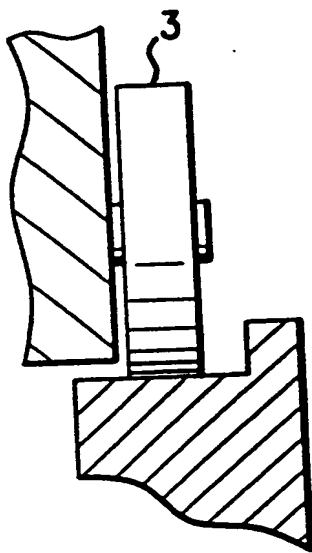


FIG. 22C

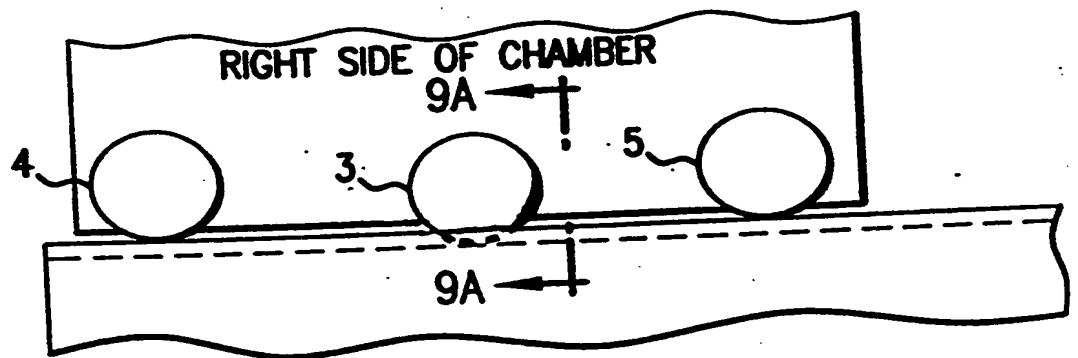


FIG. 22D

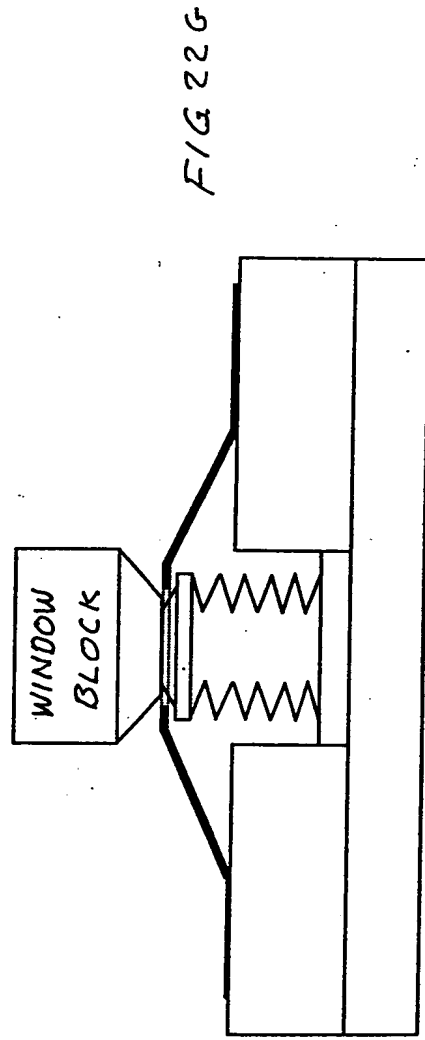
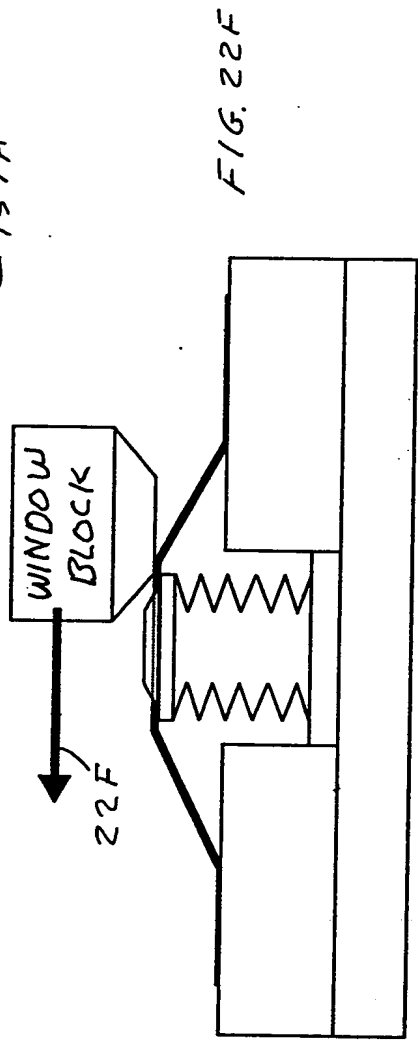
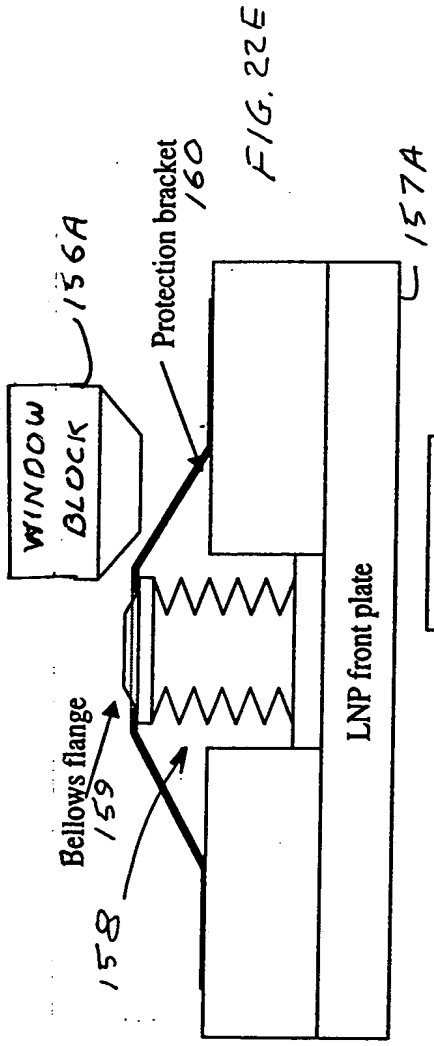
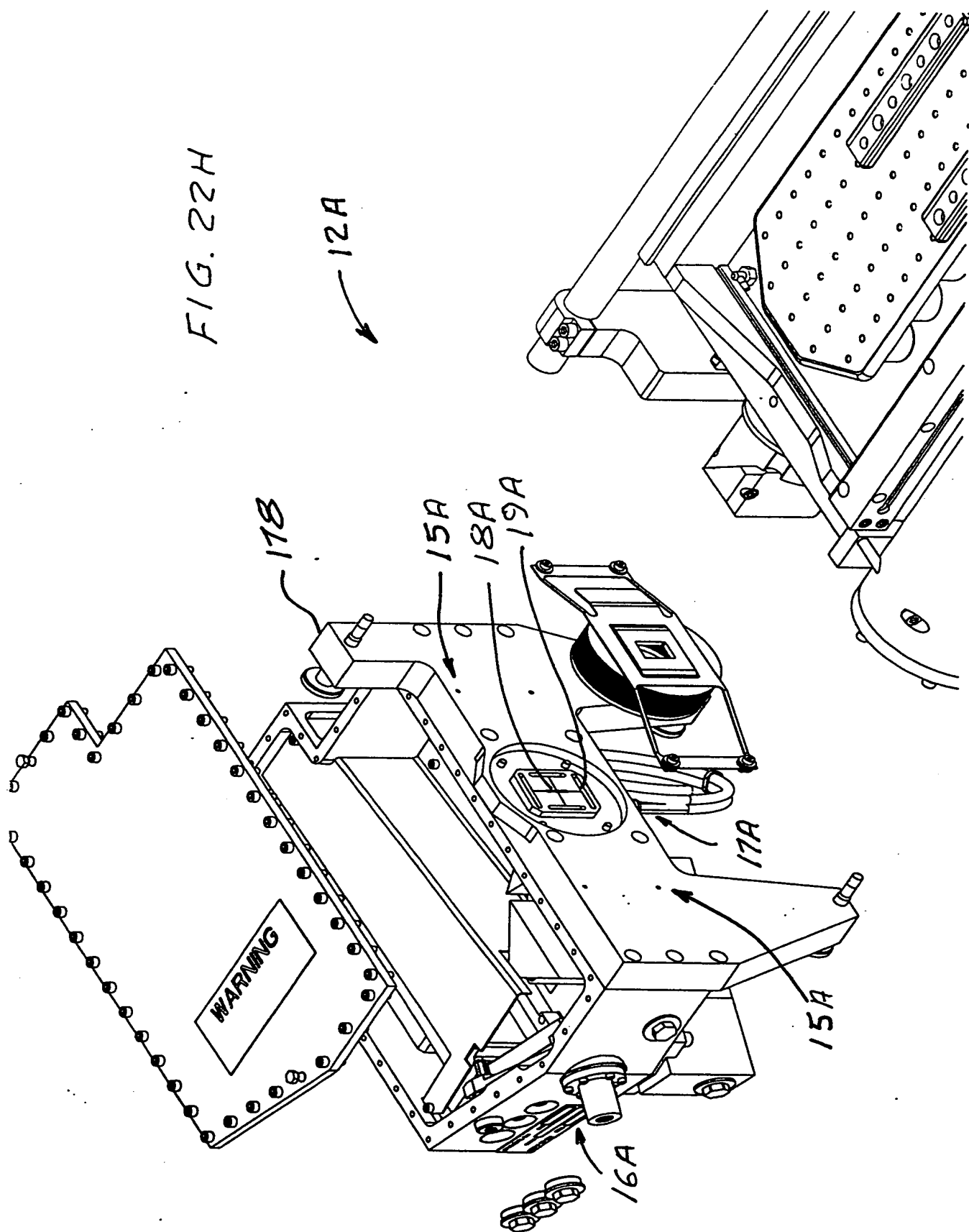
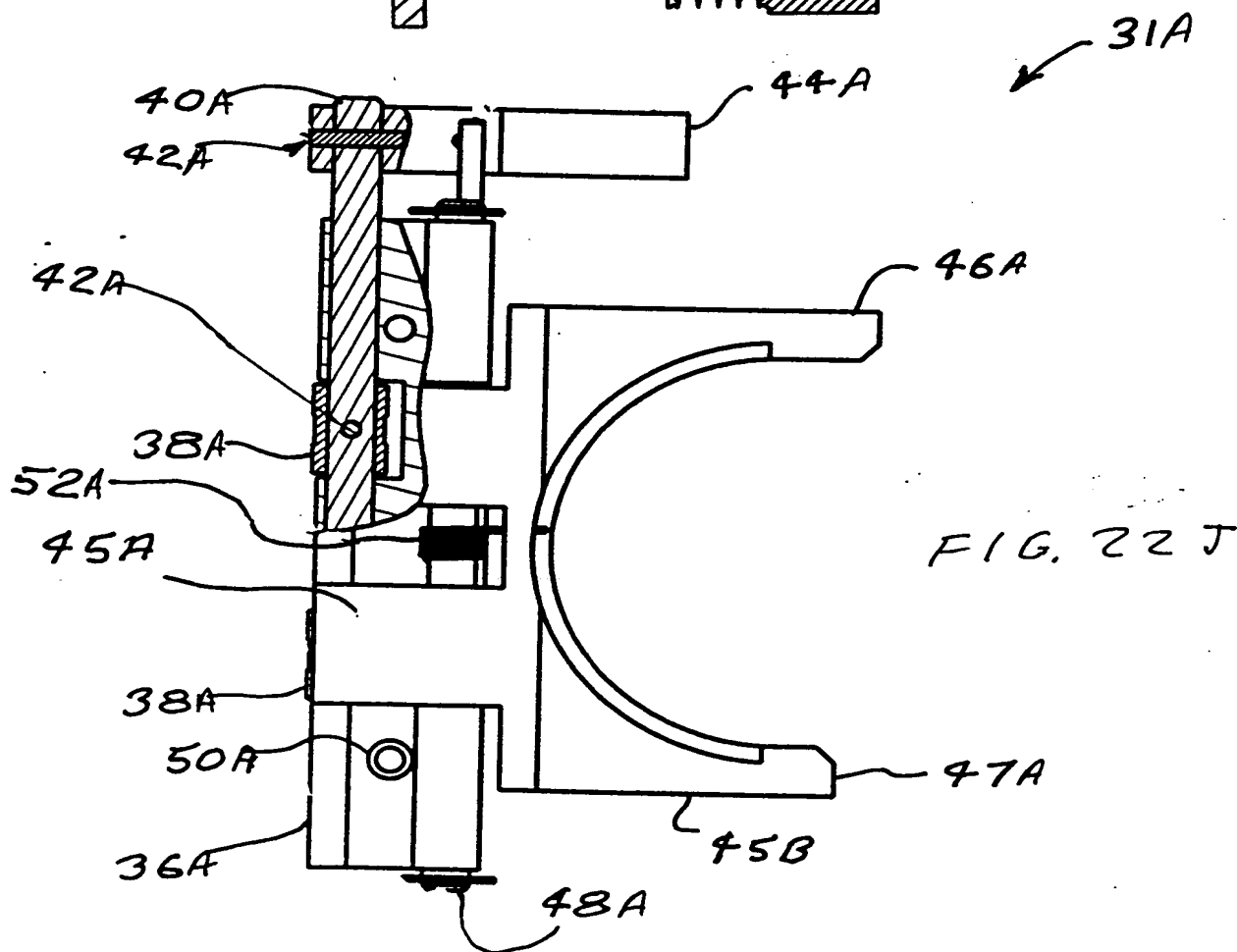
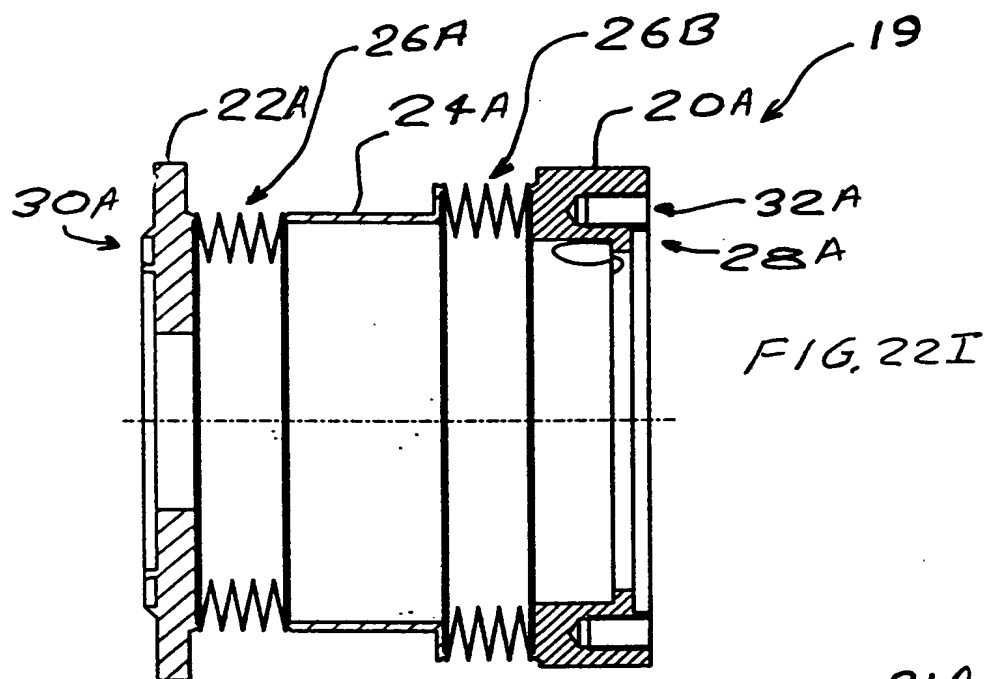


FIG. 22H





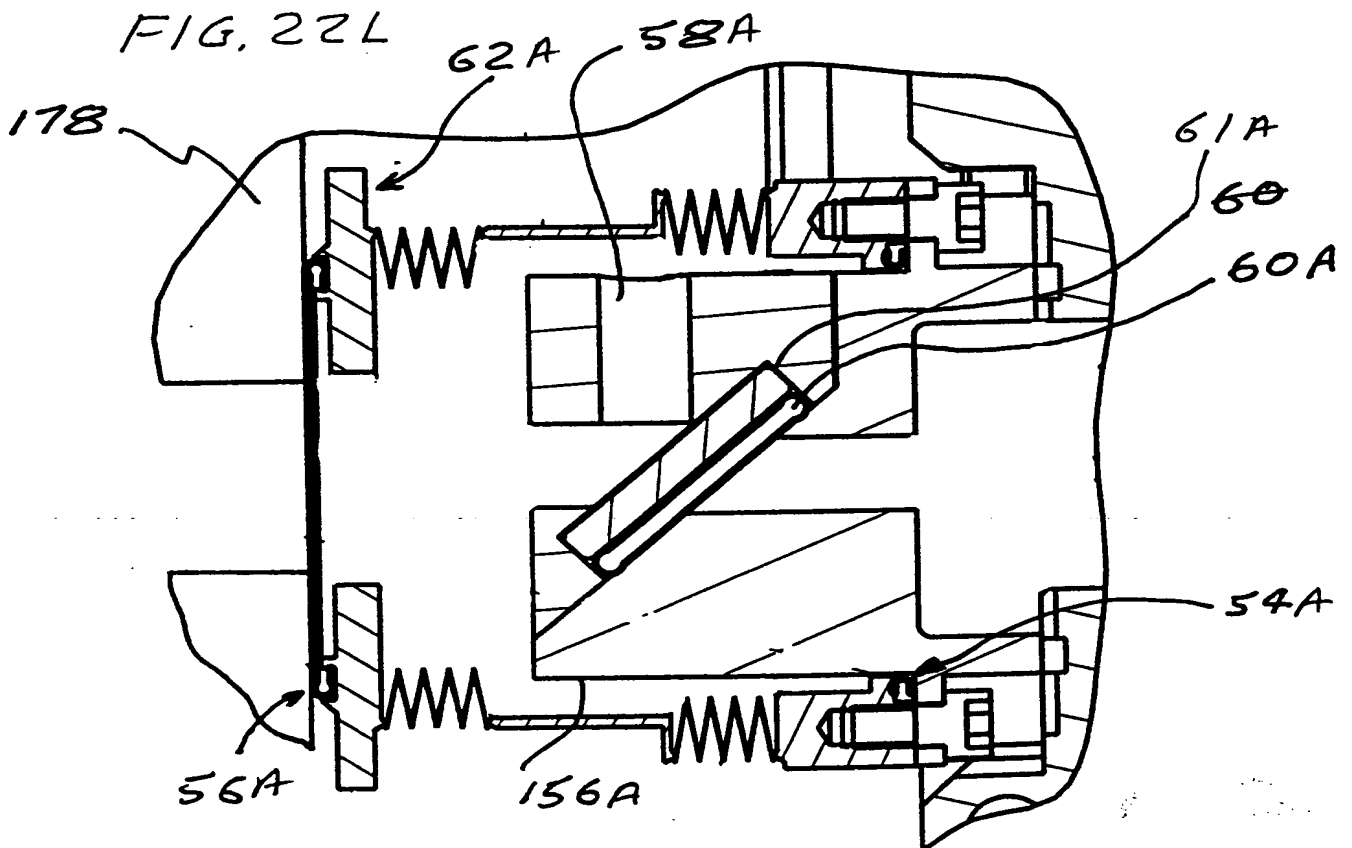
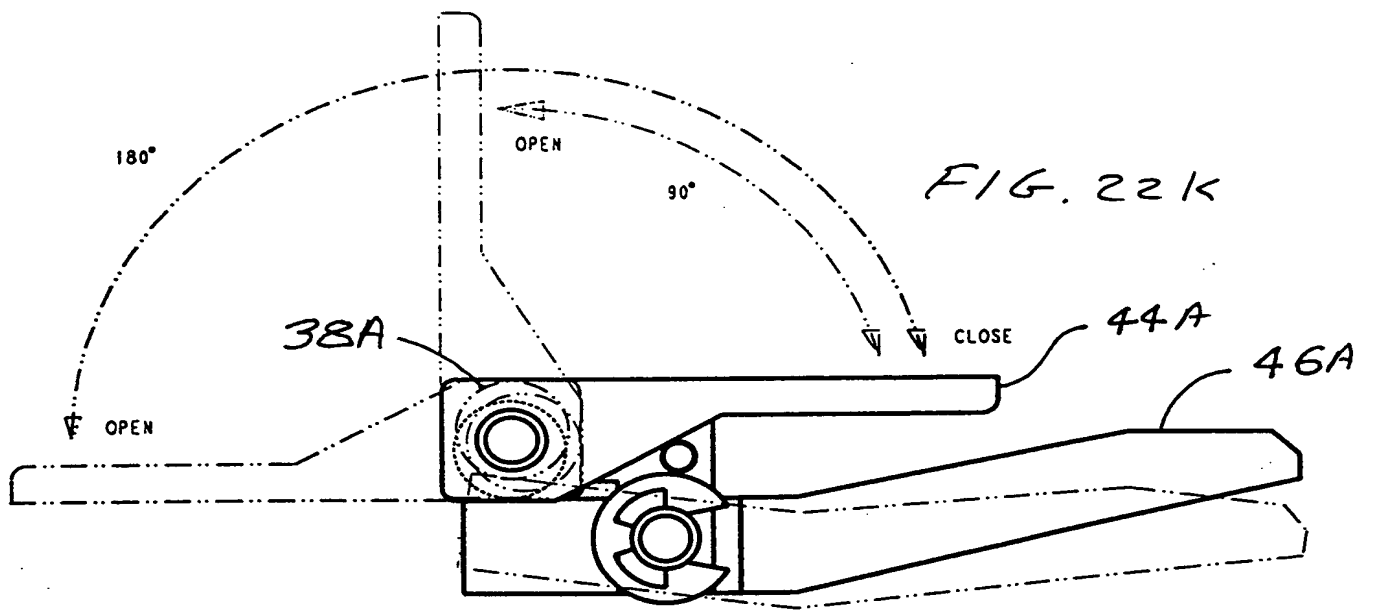


FIG. 22M

